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Baltimore, Md.

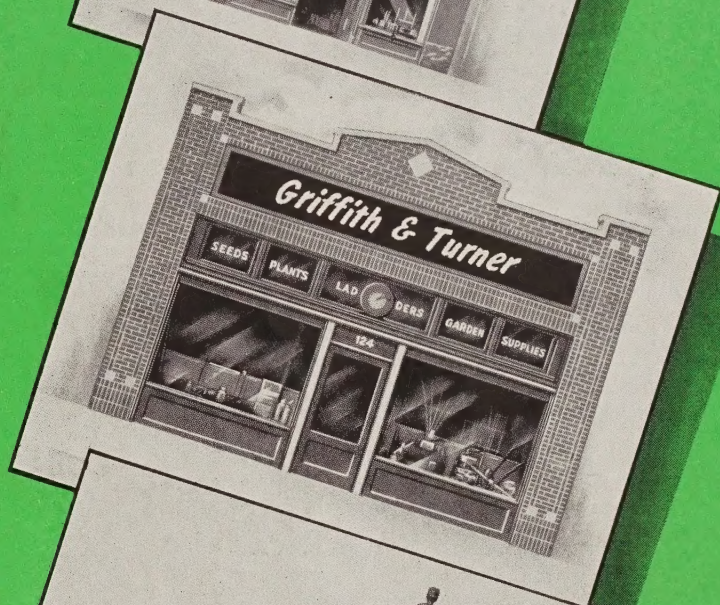
EVERYTHING FOR THE GARDEN

3 Stores



Richardson's

GARDEN BOOK • 1945



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PARCEL POST RATES From Baltimore

		ZONES			
		1-2	3	4	5
		Up to 150 lbs.	150 to 300 lbs.	300 to 600 lbs.	600 to 1,000 lbs.
Wgt. in lbs.	Local	miles	miles	miles	miles
1	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12
2	.09	.11	.12	.15	.18
3	.09	.12	.14	.18	.23
4	.10	.13	.16	.22	.28
5	.10	.14	.18	.25	.34
6	.11	.15	.20	.29	.39
7	.11	.16	.22	.32	.44
8	.12	.17	.24	.36	.50
9	.12	.18	.26	.39	.56
10	.13	.19	.28	.43	.61
11	.13	.20	.30	.46	.66
12	.14	.22	.32	.50	.72
13	.14	.23	.34	.54	.77
14	.15	.24	.36	.58	.82
15	.15	.25	.38	.61	.89
16	.16	.26	.40	.65	.94
17	.16	.27	.42	.68	.99
18	.17	.28	.44	.72	1.05
19	.17	.29	.46	.75	1.10
20	.18	.30	.48	.79	1.15
21	.18	.31	.50	.82	1.21
22	.19	.33	.53	.87	1.27
23	.19	.34	.55	.90	1.32
24	.20	.35	.57	.94	1.37
25	.20	.36	.59	.97	1.43
26	.21	.37	.61	1.01	1.48
27	.21	.38	.63	1.04	1.53
28	.22	.39	.65	1.08	1.60
29	.22	.40	.67	1.11	1.65
30	.23	.41	.69	1.15	1.70
31	.23	.42	.71	1.18	1.75
32	.24	.44	.73	1.23	1.81
33	.24	.45	.75	1.26	1.86
34	.25	.46	.77	1.30	1.92
35	.25	.47	.79	1.33	1.98
36	.26	.48	.81	1.37	2.03
37	.26	.49	.83	1.40	2.08
38	.27	.50	.85	1.44	2.14
39	.27	.52	.88	1.47	2.19
40	.28	.53	.90	1.51	2.25

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No plants will be shipped C. O. D. We ship all nursery stock at the proper time for planting which may be some time after we receive your order. Unpack all plants directly as you receive them, and water. If not ready to use them on arrival, dig a hole and put them in, covering up the roots and water well.

All express or parcel post charges on nursery stock are to be paid by customer.

Flower Seeds

Richardson's
Griffith & Turner's
Wiseman-Downs'



Long Spurred Columbine

AGERATUM *Annual* (Floss Flower)

One of the best bedding plants, being literally a sheet of color all summer.

Blue Cap. Large, rich blue flowers in dome-shaped heads. Height, 8 inches. **Pkt. 10c; 1/8 oz. 75c.**

Blue Perfection. Deep blue flowers. Compact grower. Height, 9 inches. **Pkt. 10c; 1/4 oz. 65c.**

Little Dorrit, Blue. Flowers bright blue. Used largely for edging. Height, 6 inches. **Pkt. 10c; 1/4 oz. 70c.**

ALYSSUM *Annual*

Carpet of Snow. Pure white. 3 inches high. A favorite for edging. **Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 50c.**

Lilac Queen. Deep lilac. Height, 6 inches. **Pkt. 10c; 1/4 oz. 65c; 1/2 oz. \$1.00.**

Little Gem. Small white flower. Plants about 4 inches high. **Pkt. 10c; 1/4 oz. 30c; 1/2 oz. 45c.**

Sweet (A. maritimum). Plants of trailing habit, covered with pure white, sweet-scented flowers all summer. **Pkt. 10c; 1/4 oz. 20c; 1/2 oz. 30c.**

AMARANTHUS *Annual* (Summer Poinsettia)

Annuals with brilliant foliage, growing from 3 to 5 feet high. Plant in hot, sunny location.

Molten Fire. Best and showiest. Bronze foliage tipped with fiery scarlet. **Pkt. 10c; 1/4 oz. 65c.**

Tricolor (Joseph's Coat). Yellow, red and green foliage. **Pkt. 10c; 1/4 oz. 40c.**

Basket of Gold

Perennial

(*Alyssum saxatile compactum.*) Bright yellow flowers from April to June. Height, 1 foot. **Pkt. 10c; 1/4 oz. 40c; 1/2 oz. 65c.**

ANCHUSA

Annual

Bluebird. Dwarf, compact type, about 15 inches high, with indigo-blue flowers. **Pkt. 10c; 1/4 oz. 35c.**

Perennial

Italica, Dropmore Variety. Large, gentian-blue flowers the entire summer. Height 4 feet. **Pkt. 10c; 1/4 oz. 35c.**

ANEMONE *Perennial* (Windflower)

St. Brigid. Both double and semi-double flowers in May and June. Should have winter protection. Height, 1 1/2 feet. **Pkt. 15c.**

ANTIRRHINUM *Annual* (Snapdragon)

An easily grown annual which blooms through summer and fall. Height, 2 1/2 feet.

Giant-Flowering Tall Varieties

(Rust-Proof)

A new disease-resistant strain which anyone can grow safely.

Apple Blossom. Rose-pink.

Canary Bird. Yellow.

Copper Shades.

Crimson.

Alaska. White.

Loveliness. Rose-pink.

Each, pkt. 10c; 1/16 oz. 40c.

De Luxe Mixture. Pkt. 10c; 1/8 oz. 50c.

ANNUALS live and bloom only one season.

BIENNIALS will live two seasons; sometimes blooming only the second season.

PERENNIALS tend to live from year to year. Seeds of perennials should be sown in late summer and covered well during winter.

Fine seeds can be sown indoors or in cold frame, and transplanted to the open the latter part of April.

AQUILEGIA *Perennial* (Columbine)

Graceful plants that bear a profusion of flowers in early summer. Will grow in shade or sun.

Mrs. Scott Elliott's Strain. One of the finest strains ever raised. The blooms are large, with very long spurs, in a fascinating range of colors. **Pkt. 15c; 1/8 oz. \$1.00.**

Giant Long-spurred, Blue Shades. All the shades of light and dark blue. **Pkt. 15c; 1/8 oz. \$1.00.**

Giant Long-spurred, Pink Shades. All the shades of light and dark pink. **Pkt. 15c; 1/8 oz. \$1.00.**

Crimson Star. New. Rich crimson sepals and spurs in contrast to the white petals. **Pkt. 25c; 1/16 oz. \$1.00.**

Giant Long-spurred, Improved Varieties, Mixed. Includes all colors. Flowers are extra large, and the spurs very long. **Pkt. 15c; 1/8 oz. \$1.00.**

ARABIS *Perennial* (Rock Cress)

Alpina. Showy border and rockery plants, with a mass of white flowers in April. Height, 6 inches. **Pkt. 10c; 1/4 oz. 75c.**

ARCTOTIS *Annual* (African Lilac Daisy)

Grandis. Large flowers, pure white on upper surface, lilac-blue beneath. Blooms from July until frost. Height, 2 to 3 feet. **Pkt. 10c; 1/4 oz. 40c.**

Hybrids, Autumn Shades. Bright daisy-like flowers throughout the latter part of the summer and until frost. Colors in typical autumn tones. **Pkt. 20c.**



Arctotis

FLOWER SEEDS (Continued)

ASTERS *Annual*

Early Blooming Varieties

Early Beauty. Wilt-resistant. Plants grow from 2½ to 3 feet high with long stems bearing large, double, globular flowers with incurved petals. Blooms in July.

Azure-Blue
Carmin-Rose

Crimson
Flesh-Pink

Purple
White

Mixed.

Each, pkt. 10c; ⅛ oz. 45c

Pkt. 10c; ⅛ oz. 40c.

Midseason Blooming Varieties

Improved Giant Crego. Wilt-resistant. Large, double, well-formed flowers, 4 to 5 inches across, with long, ribbon-like petals, gracefully curled and twisted. Height, 2 feet.

Blue Flame
Crimson

Enchantress
Royal Purple
Shell-Pink

White
Mixed

Each, pkt. 10c; ⅛ oz. 40c; ¼ oz. 75c

BALLOON VINE (Love-in-a-Puff)

Annual

A rapid and free grower, reaching a height of 5 to 10 feet. Pkt. 10c.

BALSAM (Touch-Me-Not; Lady's Slipper)

Annual

Double Camellia-flowered. Bushy plants 2 to 3 feet tall, with double blooms, 2½ inches across, nestled close against the stem. Mixed colors. Pkt. 10c; ¼ oz. 25c.

BALSAM APPLE *Annual*

A splendid annual climber with graceful light green foliage, small yellow flowers. Pkt. 10c.

BELLIS PERENNIS *Annual* (English Daisy)

Little rosettes of dark green foliage. Short-stemmed double flowers. Double, Mixed. Pkt. 10c.

BLACK-EYED SUSAN

See Rudbeckia.

BRACHYCOME *Annual*

(Swan River Daisy)

A free-flowering annual about 1 foot high, covered with a profusion of blue, rose, and white, daisy-like flowers. Mixed.

Pkt. 10c; ¼ oz. 35c.

CALLIOPSIS

Very showy annuals of easy culture, blooming all summer. Do not transplant.

Tall, Mixed. Pkt., 10c; ⅛ oz. 35c.
Dwarf, Mixed. Pkt. 10c; ¼ oz. 20c.



Wilt-Resistant Crego Aster

CALENDULA *Annual*

Splendid free-flowering annuals of easy culture. One of the most desirable cut flowers.

Lemon Queen. Rich golden yellow.

Orange King. Deep orange. Pkt. 10c; ¼ oz. 25c; oz. 65c.

Finest Mixed. All colors. Pkt. 10c; ½ oz. 20c; oz. 35c.

Campfire, Improved Florists' Strain. Large flowers of dark orange with a scarlet sheen. One of the best forcing Calendulas. Pkt. 10c; ¼ oz. 25c.

Chrysantha. An entirely new type, bearing a striking resemblance to the chrysanthemum. Flowers rich buttercup-yellow. Pkt. 10c; ¼ oz. 25c.

Orange Shaggy. Deep orange, shading lighter at center. Petals deeply fringed. Pkt. 10c; ¼ oz. 25c.

CANDYTUFT (Iberis)

The popular bedding and border plant, growing about 1 foot high.

Annual, Umbellata Type

Mixed. Pkt. 10c; ¼ oz. 30c.

Perennial Varieties

Gibraltarica. White, shaded lilac. Pkt. 10c; ⅛ oz. 40c.

Sempervirens. White. Evergreen foliage. Pkt. 10c; ⅛ oz. \$1.00.

CARDINAL CLIMBER

Annual climber with fern-like foliage and clusters of small cardinal-red flowers. Pkt. 10c; ⅛ oz. 50c.

CAMPANULA (Canterbury Bells)

The Bellflowers are very interesting garden plants, embracing the annual, biennial, and perennial classes. Some are tall, others dwarf, but all are beautiful.

New Annual Campanulas

These new Canterbury Bells will bloom the first year. Mixed. Pkt. 10c; ⅛ oz. 25c.

Biennial Varieties

Calycanthema (Cup-and-Saucer). Large, single flowers resembling a cup and saucer. Mixed. Pkt. 10c; ⅛ oz. 40c.

Medium, Single, Mixed (Canterbury Bell). Plants grow from 2 to 3 feet high, and bloom in June. Pkt. 10c; ⅛ oz. 35c.

CARNATIONS *Annual*

These fragrant flowers come into bloom in a few weeks from sowing and will survive an ordinary winter with slight protection. Height, 1½ feet.

Giant Marguerite, Double, Mixed. Pkt. 10c; ¼ oz. 85c.

Chabaud's Giant Double. Plants upright, bearing numerous large double flowers on long stems. Start the seeds indoors in boxes.

Finest Mixed. Pkt. 10c; ⅛ oz. 55c.

CASTOR OIL PLANT *Annual* (Ricinus)

Red Spire. Foliage bronzy green. 6 feet. Pkt. 10c; oz. 40c.

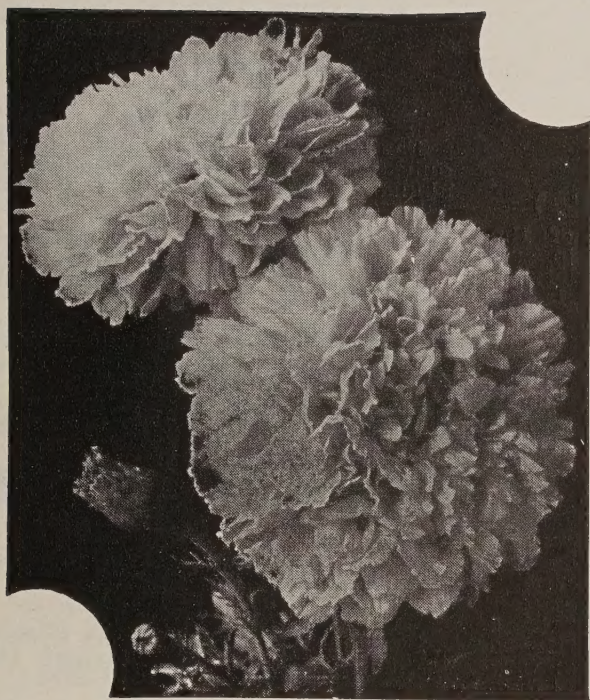
Mixed. A select mixture of all colors. Pkt. 10c; oz. 20c.



Sweet Alyssum

FLOWER SEEDS (Continued)

Richardson's
Griffith & Turner's
Wiseman-Downs'



Calendula Chrysantha

CHEIRANTHUS *Perennial* (Wallflower)

Allioni (Siberian Wallflower). Early flowering perennial Wallflowers with beautiful orange flowers. Height, 1 foot. **Pkt. 10c; ¼ oz. 30c.**

CHRYSANTHEMUMS Annual Varieties

Plants grow 2 feet high, and bear a profusion of daisy-like flowers from July to October. Splendid for cutting.

Northern Star. White, with yellow ring.

Eastern Star. Yellow, with dark eye. **Single, Mixed. Pkt. 10c; ¼ oz. 25c.**

Double, Mixed. Pkt. 10c; ¼ oz. 25c.

CHINESE LANTERN *Perennial* (Physalis)

Grows about 2 feet high, having bright orange-scarlet lantern-like fruit. **Pkt. 10c; ⅛ oz. 50c.**

COLEUS HYBRIDUS *Annual*

Popular plants with beautifully colored foliage. Easily grown from seed. **Finest Mixed. Pkt. 25c.**

COREOPSIS *Perennial*

Plants grow about 2 feet high and are covered with a mass of yellow flowers all during the summer.

Grandiflora, Single. Rich, golden yellow flowers. **Pkt. 10c; ¼ oz. 25c.**

Grandiflora, Double, Sunburst. New, Double form of above. **Pkt. 10c; ¼ oz. 25c.**

CORNFLOWER
See Centaurea

COSMOS *Annual*

For garden decoration or long-stemmed cut flowers, Cosmos are unsurpassed. They are easy to grow and do best in poor soil.

Extra-Early Double Crested. Crested or anemone-shaped flowers.

Crimson, Pink, and White. Pkt. 10c; ⅛ oz. 50c.

Finest Mixed. Pkt. 10c; ⅛ oz. 45c.

True Early Mammoth Single.

Crimson, Pink, and White. Pkt. 10c; ¼ oz. 25c.

Finest Mixed. Pkt. 10c; ¼ oz. 30c.

Orange Flare. Early-flowering; vivid orange flowers. **Pkt. 10c; ¼ oz. 50c.**

Late Mammoth Single.

Crimson, Pink, and White. Pkt. 10c; ¼ oz. 30c.

Finest Mixed. Pkt. 10c; ¼ oz. 25c.

Sensation, Pinkie. Large flowers, 4 to 5 inches in diameter, with broad, heavy, fluted petals which slightly overlap; produced within 8 to 10 weeks from time of sowing. Height, 3 to 4 feet. **Pkt. 10c; ⅛ oz. 25c.**

Sensation, Finest Mixed. Mammoth flowers with broad, heavy, fluted petals. Early flowering; bloom in 10 weeks from time of seeding. **Pkt. 10c; ⅛ oz. 35c.**

ALL PRICES SUBJECT TO
CHANGE WITHOUT NOTICE

CELOSIA *Annual*

Childsi. A very valuable type with large flower heads which have the appearance of silky balls of wool. **Crimson. Pkt. 10c; ¼ oz. 50c.**

Cristata (Cockscomb). These make a grand border and are also most attractive in pots. Rich deep crimson. **Pkt. 10c; ¼ oz. 50c.**

Plumosa (Feathered Cockscomb). Fine for large beds or groups giving a wonderful effect until frost. **Crimson. Pkt. 10c; ¼ oz. 50c.**

CENTAUREAS *Annual*

An extremely interesting class of annuals and perennials which are very popular.

Double Cornflowers (Centurea cyanus). These are also known as Ragged Robin, Ragged Sailor, Bachelor's Buttons, Bluet and Blue Bottle. **Pkt. 10c; ¼ oz. 35c.**

Jubilee Gem. A dwarf, compact variety only 10 to 15 inches high, with double Cornflower-blue flowers. **Pkt. 10c; ⅛ oz. 30c.**

Finest Double Mixed. Pkt. 10c; ¼ oz. 35c.

Candidissima. Silvery white leaves that are excellent for edging. **Pkt. 10c; ⅛ oz. 35c.**

CYNOGLOSSUM *Annual* (Chinese Forget-Me-Not)

Large sprays of forget-me-not blooms all summer. Height, 1½ feet. **Amabile, Blue. Pkt. 10c; ¼ oz. 35c.**

Amabile, Pink. Pkt. 10c; ¼ oz. 50c.

CYPRESS VINE *Annual* (Ipomoea quamoclit)

A popular vine with fern-like foliage and masses of star-shaped flowers.

Scarlet, White and Mixed. Pkt. 10c; ¼ oz. 90c.

DAISY AFRICAN
See Arctotis

DAHLIA SEED *Annual*

Single type which will bloom four months after planting. Splendid for bedding. Includes many fine colors. **Fine Single and Double Mixed. Coltness Hybrids. Unwins. Pkt. 10c; ⅛ oz. 50c.**



Cosmos, Sensation



Delphinium

DELPHINIUMS *Perennial*

The hybrid Delphiniums, with their massive spikes, are the aristocrats of the perennial garden, while the branching types are grand cut flowers. Seed can be sown any time from spring till fall.

Belladonna, Improved. Large, single flowers of clear turquoise-blue. Height, 3 to 4 feet. **Pkt. 10c; ½ oz. 50c.**

Bellamosum, Improved. Rich deep blue. Height, 3 to 4 feet. **Pkt. 10c; ½ oz. 50c.**

Gold Medal Hybrids, Mixed. A choice mixture of the best varieties. **Pkt. 20c; ½ oz. 75c.**

Wrexham or Hollyhock Strain. Massive spikes of bloom with very large, hollyhock-like florets. Excellent exhibition strain. **Pkt. 25c; ½ oz. 95c.**

DIGITALIS (*Foxglove*)

Old-fashioned biennials, producing an abundance of long spikes of tubular-shaped flowers in June and July. Used in shrubberies and half-shady places. Height, 2 to 4 feet.

Giant Shirley, Mixed. **Pkt. 10c; ½ oz. 25c.**

DIDISCUS *Annual*

(*Blue Lace Flower*)

Showy lacy light lavender flower heads, borne profusely from July to frost. **Pkt. 10c; ½ oz. 25c.**

DIMORPHOTHECA *Annual* (*African Golden Daisy*)

Aurantiaea Hybrids, Mixed. Large flowers in shades of yellow, orange, and rich salmon. Height, 15 inches. **Pkt. 10c; ½ oz. 50c.**

DOLICHOS (*Hyacinth Bean*)

Dolichos. Has large heart shaped leaves and lovely purple-violet flowers. **Pkt. 10c; ½ oz. 30c.**

FLOWER SEEDS (Continued)

DIANTHUS (*Pinks*)

These include some of the most beautiful flowers in cultivation, in a great variety of brilliant colors. About 1 foot in height.

Hardy Perennial Varieties

Allwoodi alpinus. Showy, single and semi-double, fragrant flowers in choice colors. Height, 4 to 6 inches. **Pkt. 25c.**

Deltoides (Maiden Pink). A fine variety for the rock-garden, with brilliant rose flowers in June and July. Height, 6 inches. **Pkt. 10c; ½ oz. 40c.**

Plumarius, Double, Mixed (Clove Pink). Double, fringed flowers in many colors; very sweet scented. Height, 1 foot. **Pkt. 10c; ½ oz. 85c.**

Plumarius, Single, Mixed (Pheasant's Eye). Large, single, fringed flowers of many colors. **Pkt. 10c; ½ oz. 40c.**

Annual Varieties

Chinensis, Single, Mixed (China Pink). Select mixture. Height, 18 inches. **Pkt. 10c; ½ oz. 30c.**

Chinensis, Double, Mixed. **Pkt. 10c; ½ oz. 30c.**

Heddewigi, Double, Mixed (Japanese Pink). Each, **pkt. 10c; ½ oz. 30c.**

EUPHORBIA

Variegata (Snow-on-the-Mountain). Annual. Bright green foliage, veined and margined with white. Height, 2 feet. **Pkt. 10c; ½ oz. 25c.**

ESCHSCHOLTZIA (*California Poppy*)

Profuse-blooming annuals with gorgeously colored flowers from early summer to frost. Sow where they are to bloom. Height, 1 foot. **Mixed Colors. Pkt. 10c; ¼ oz. 30c.**

FORGET-ME-NOT (*Myosotis*)

One of the most admired of our spring flowers. Very effective when grown in masses.

Alpestris, Blue. Annual. Rich blue flowers in April. Height, 9 inches. **Pkt. 10c; ½ oz. 50c.**

FOUR O'CLOCK *Annual*

Marvel of Peru. Flowers remain closed till late afternoon, hence the name. Red, Yellow, and Striped. **Mixed. Pkt. 10c; oz. 40c.**

GERBERA *Perennial* (*Transvaal Daisy*)

New Giant Hybrids. Large, Daisy-like flowers on long stems. A wide range of colors—pink, rose, orange, and scarlet. Height, 15 inches. **Pkt. 25c.**

GAILLARDIA (*Blanket Flower*)

Annual Varieties

Easily grown plants that bloom quickly from seed and produce an abundance of showy flowers. Height, 1½ feet.

Indian Chief. Single, large, glistening bronze-red blooms with dark brown centers. Blooms all summer. **Pkt. 10c; ¼ oz. 35c.**

Double Mixed. A selected mixture of the double types in various colors. **Pkt. 10c; ¼ oz. 35c.**

Single Mixed. **Pkt. 10c; ¼ oz. 35c.**

Perennial Varieties

Finest Mixed. Fine large flowers, good color range. **Pkt. 10c; ½ oz. 30c.**

GEUM *Perennial* (*Avens*)

Compact plants with showy flowers throughout the summer. Height, 1½ feet.

Lady Stratheden. Large; double; golden yellow. **Pkt. 10c; ½ oz. 50c.**

Mrs. Bradshaw. Large; double; orange-scarlet. **Pkt. 10c; ½ oz. 50c.**

Prince of Orange. True orange. **Pkt. 10c; ½ oz. 75c.**

GODETIA *Annual* (*Satin Flower*)

Attractive, hardy annuals, deserving more extensive cultivation, especially in the cooler parts of the country. The plants bloom profusely, and bear showy flowers, not unlike an Azalea, of satiny texture, in many rich and varied colors. They do best in a rather poor soil. 1 foot.

Kelvedon Glory. The color is deep glowing salmon-orange, of an intensity and vividness that can be found in no other annual. **Pkt. 10c; ½ oz. 30c.**

Sybil Sherwood. Bright, salmon-pink, softened by an indefinite edging of white. **Pkt. 10c; ½ oz. 40c.**

Dwarf Single Exquisite Mixed. **Pkt. 10c; ¼ oz. 40c.**



Gaillardia

GLOBE AMARANTH *Annual* (Gomphrena)

An everlasting, with beautiful colored flowers resembling clover-heads. They retain their color and are lovely in winter bouquets. **Mixed Colors.** Pkt. 10c; ¼ oz. 25c.

COURDS *Annual*

An interesting annual climber with ornamental foliage and curiously shaped fruit. Pkt. 10c; ½ oz. 25c.

GYPSOPHILA (Baby's Breath)

Free-flowering annuals and perennials

Annual Varieties

Elegans rosea. A delicate rose shade. Pkt. 10c; ½ oz. 50c.

Grandiflora. Pure white, extremely large flowers. Pkt. 10c; ½ oz. 25c.

Perennial Varieties

Paniculata. A hardy perennial that will bloom the first year if sown early. White flowers. Height, 3 feet. Pkt. 10c; ½ oz. 25c.

HELICHRYSUM *Annual* (Strawflower)

The most popular of the Ever-lasting.

Finest Mixed. All colors. Pkt. 10c; ¼ oz. 25c.

HELIOTROPE *Annual*

A delightfully fragrant tender perennial that is used as an annual bedding plant. Flowers during the entire season. Height, 1½ feet. **Mixed.** Pkt. 10c; 1/16 oz. 35c.

HESPERIS *Perennial* (Sweet Rocket)

Plants grow about 2½ feet high, bearing showy spikes of fragrant flowers, excellent for cutting. **Mixed.** Pkt. 10c; ¼ oz. 40c.

HIBISCUS *Annual*

Marshmallow. Grows from 5 to 8 feet tall and blooms from early July until frost. Pkt. 10c; ½ oz. 20c.

HOLLYHOCKS *Biennial*

One of the most stately of hardy plants, growing 5 to 7 feet high.

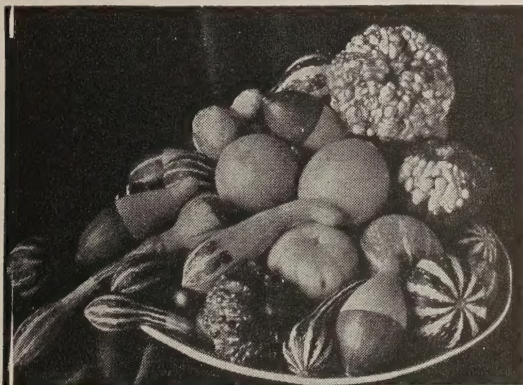
Charters Double. Maroon, Newport Pink, Orange, Scarlet, White, Yellow. Each Pkt. 10c; ½ oz. 35c.

Finest Mixed. Pkt. 10c; ½ oz. 40c.

Charters Single Mixed. Pkt. 10c; ¼ oz. 40c.

HONESTY *Perennial* (Lunaria)

Extensively used for house decoration. Pkt. 10c.



Ornamental Gourds

FLOWER SEEDS (Continued)

KOCHIA *Annual*

Trichophylla (Burning Bush). Also known as "Summer Cypress." The bright green foliage changes to brilliant colors in fall. Pkt. 10c; ¼ oz. 20c.

KUDZU VINE *Annual*

A quick growing vine with large foliage. Purple flowers in August. Pkt. 10c.

LANTANA *Annual*

Verbena-like heads of many colored flowers, 2 to 3 feet high. Seed is slow germinating. **Finest Mixed.** Pkt. 10c; ¼ oz. 50c.

LARKSPUR *Annual*

One of the finest of our summer-blooming annuals that will give a continuous succession of flowers from early July until frost. Sow the seed where it is to bloom.

Double Stock—Flowered.

Empress Rose, Lustrous Carmine, Dark Blue, White, Sky-Blue, Finest Mixed.

Dwarf Emperor, Finest Mixed.

Giant Imperial Mixed. Pkt. 10c; ¼ oz. 30c.

Miss California. Deep pink, shaded salmon. Pkt. 10c; ¼ oz. 40c.

LATHYRUS *Perennial*

(Everlasting or Hardy Sweet Pea)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc.; continually in bloom.

Mixed. Pkt. 10c; ¼ oz. 35c.

LINARIA *Annual*

(Miniature Snapdragon)

Maroccana, Fairy Bouquet. Very compact plants, 8 to 10 inches tall with blooms in rose, yellow, pink, lavender, carmine-red, violet, white and salmon shades. Fine for border or rock garden. Pkt. 10c; ½ oz. 60c.

LINUM (Flax)

Grandiflorum rubrum. Annual. A very showy bedding plant with large brilliant scarlet flowers all summer. Height, 15 inches. Pkt. 10c; ¼ oz. 35c. **Perenne, Blue.** Perennial. Bright blue flowers all summer. Height, 1½ feet. Pkt. 10c; ¼ oz. 35c.

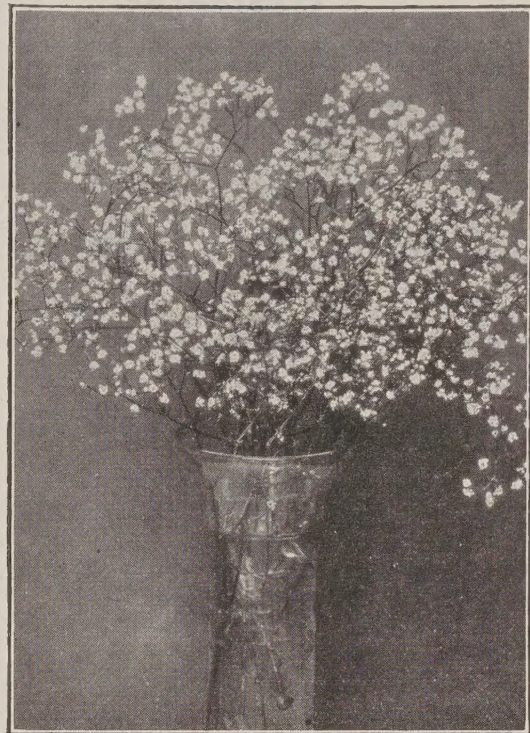
LOBELIA *Annual*

Crystal Palace. Azure-blue. Pkt. 10c; ½ oz. 50c.

LUPINUS *Annual* (Lupine)

Graceful spikes of pea-shaped flowers. In bloom throughout summer and fall. Height, 2 feet.

Richardson's
Griffith & Turner's
Wiseman-Downs'



Gypsophila

Annual Mixed. Pkt. 10c; ¼ oz. 35c.
Perennial Mixed. Pkt. 10c; ¼ oz. 30c.

The Russel Lupins *Perennial*

The most outstanding strain of hardy Lupins of brilliant colors—self and bicolors—reds, oranges, pure deep yellow. Height, 2½ to 3½ feet. Pkt. 25c; ½ oz. 50c.

MIGNONETTE *Annual*

An easily grown annual with a distinct fragrance. Sow where it is to bloom. Height, 1½ feet.

Mixed. A select mixture of the large-flowering varieties. Pkt. 10c; ¼ oz. 30c.

MOONFLOWER *Annual*

A rapid climber for porches and a good shade-maker. Vines attain length of 20 to 30 feet.

White. Enormous white flowers. Pkt. 10c; ½ oz. 40c.

Heavenly Blue. Strong, vigorous growth. Pkt. 10c; ½ oz. 50c.

MORNING GLORY *Annual*

Heavenly Blue, Improved Early Flowering. (New.) Some gardeners refer to this as early-flowering Moonflower, yet it really is a day-blooming variety with glorious large sky-blue flowers shading to white in the throat. They measure 3½ inches. Bloom all summer. Pkt. 10c; ½ oz. 60c.

Magnificent New Giant Morning Glory, Scarlett O'Hara. The blooms are 3½ to 4 inches in diameter. They flare wide open, presenting their brilliant wine-red color to the fullest advantage. Pkt. 10c; ½ oz. 60c.

Pearly Gates. Satiny white flowers with creamy shading in the throat. Blooms measure 4 inches. Pkt. 10c; ¼ oz. 40c.

Japanese Mixed. Pkt. 10c; ½ oz. 35c.

FLOWER SEEDS (Continued)

MARIGOLDS *Annual*

Flash (New). Gives an amazing flash of color all summer and fall. The name "Flash" is descriptive of the bright combination of colors, ranging from vivid red through bronze with a few yellow flowers to give harmonious contrast to the massed, brilliance of the fiery plants. **Pkt. 25c.**

Dwarf Little Giant. Grows 15 inches tall and produces a closely compact plant, with twenty to twenty-five 4-inch flowers. "Little Giants" bloom early and are ideal for bedding and pot plants. **Mixed. Pkt. 10c; ¼ oz. 60c.**

Lemon Ball. Tall African Marigold. **Pkt. 10c; ¼ oz. 40c.**

Orange Ball. Enormous; orange double. **Pkt. 10c; ¼ oz. 40c.**

Double African, Mixed. Yellow and orange. **Pkt. 10c; ¼ oz. 30c.**

Guinea Gold. Flowers semi-double, 2 to 2½ inches across, flushed with gold. **Pkt. 10c; ¼ oz. 30c.**

Double Dwarf French, Mixed. **Pkt. 10c; ¼ oz. 30c.**

Legion of Honor. Little Brownie. **Pkt. 10c; ¼ oz. 30c.**

Gigantea "Sunset Giants". A fine new Marigold; grows 3½ to 4 feet high with flower averaging about 5 inches in diameter and shading from yellow to orange. Sweet scented. **Pkt. 10c; ¼ oz. 50c.**

Dwarf French Double, Harmony. A strikingly showy dwarf plant, 12 inches high and 2 feet across, covered with lovely blooms combining deep mahogany-red outer petals with a tufted golden yellow center. **Pkt. 10c; ¼ oz. 40c.**

Dwarf Gigantea, Gypsy Jewels. New. Gypsy Jewels is a mixture of a wide range of brilliant colors, including deep rich orange, dazzling golden orange, glistening golden yellow, canary-yellow, lemon-yellow and primrose or sulphur. Height, 12 to 15 inches. **Pkt. 10c; ¼ oz. 60c.**

Miniature, Yellow Pigmy. New. Very dwarf and compact plant, about 8 inches. Free flowering with tiny French Lilliput type of blooms, measuring less than an inch in diameter. A light lemon-yellow in color. **Pkt. 10c; ¼ oz. 50c.**

Tall, Yellow Supreme. This is a giant Marigold of moonlight-yellow. **Pkt. 10c; ¼ oz. 40c.**

NASTURTIUM *Annual*

Nothing excels these for ease of culture, duration of bloom, and brilliancy of coloring. A great profusion of gorgeous blossoms within a few weeks from the time they are sown until frost. Do best in poor soil.

Dwarf, Mixed. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**

Tall, Mixed. **Pkt. 10c; oz. 35c; ¼ lb. 1.00.**

NICOTIANA *Annual* (Flowering Tobacco)

Affinis, White. Pure white, delicately perfumed, blooming all season on plants 3 feet high. So fragrant that a few plants will perfume the garden. **Pkt. 10c; ¼ oz. 35c.**

Sanderae, Crimson King. Dark velvety crimson-red flowers. **Pkt. 10c; ¼ oz. 50c.**

NIGELLA *Annual*

Miss Jekyll (Love-in-a-Mist). Beautiful double flowers of a clear cornflower-blue. Good for cutting. 1½ ft. **Pkt. 10c; ½ oz. 35c.**

PANSIES *Annual*

Swiss Giants or Roggli's Hybrids, Mixed. The plants are very robust, and the very large flowers of heavy texture are carried on strong stems well above the leaves. Good mixture of colors. **Pkt. 35c; 1/16 oz. \$1.25.**

Richardson's Mixture. A well-balanced assortment of colors will be found in this Mixture. **Pkt. 10c; 1/16 oz. 50c.**



Petunia, Dainty Lady

PENTSTEMON (Beard Tongue)

Showy perennial, flowering throughout the summer months. **Mixed. Pkt. 10c.**

PETUNIAS *Annual*

Sow seed lightly on the seed-bed and gently press into the soil. Transplant when large enough, being careful to save even the smallest seedlings, for oftentimes the smallest, frailest seedlings produce the finest blooms. Petunias delight in a sunny position.

Cheerful (New). Compact growth, free flowering. Lovely shade of salmon-pink. **Pkt. 25c.**

Dainty Lady. Single fringed, delicate yellow. **Pkt. 25c.**

Miniature, Violet Gem. New. The plants are neat, dwarf and compact, violet-blue. **Pkt. 25c.**

Ruffled Petunias

Martha Washington. A ruffled single blush-pink with the center veined a wine-red. **Pkt. 25c.**

Ruffled Giants. Single mixed. **Pkt. 35c.**

Fringed Double Giants. **Mixed. Pkt. 35c.**

Single Bedding Petunias

Balcony Blue. Rich indigo-blue. **Pkt. 10c.**

Balcony Rose. Brilliant rose-pink. **Pkt. 10c.**

Balcony Red. Bright red. **Pkt. 10c.**

Balcony White. **Pkt. 10c.**

Flaming Velvet. **Pkt. 10c.**

Howard's Star. Crimson-maroon with a clearly defined five-pointed star of blushing white. **Pkt. 10c.**

Cornflower Blue (Blue Wonder). Magnificent large rich Cornflower-blue blooms. **Pkt. 25c.**

Snowball. Pure satiny white flowers. **Pkt. 10c.**

Rose Gem. The same rich deep rose color as Rose of Heaven but of neat compact growth. **Pkt. 15c.**

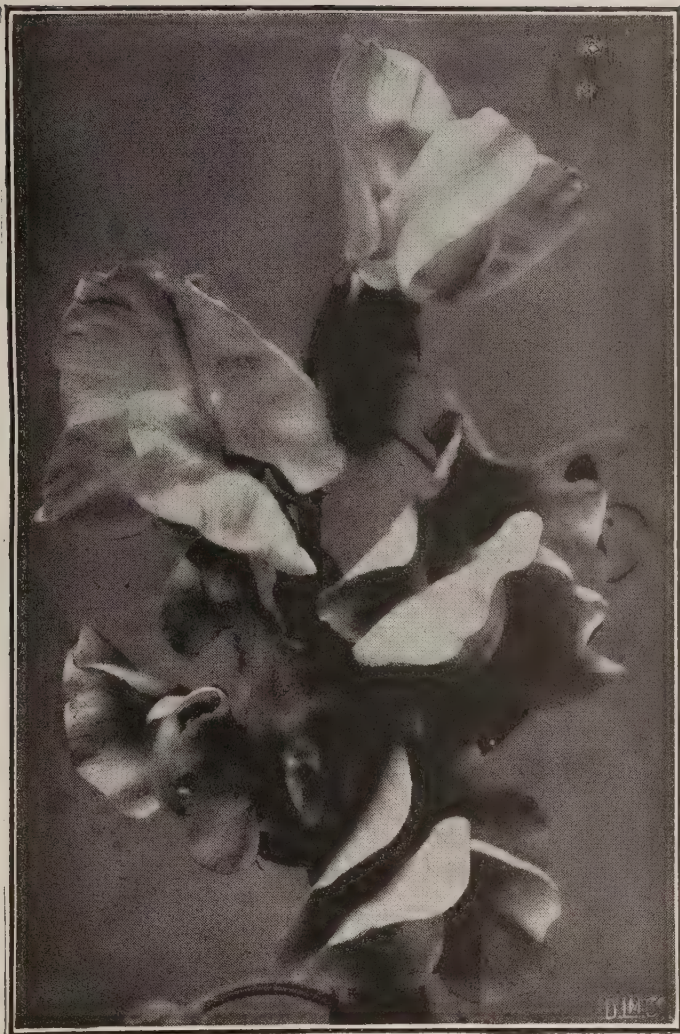
Rosy Morn. Soft crimson-pink. **Pkt. 10c; ¼ oz. 75c.**

Mixed Colors. **Pkt. 10c; ¼ oz. 65c.**

Petunia nana compacta. Dwarf. **Mixed. Pkt. 10c; ¼ oz. 75c.**



Petunia, Rosy Morn



Spencer Sweet Peas

PHLOX DRUMMONDI *Annual*

One of the most brilliant and satisfactory bedding plants we have.

Large-Flowering Tall Varieties. Height, 15 inches. **Mixed.** Pkt. 10c; $\frac{1}{8}$ oz. 75c.

Large-Flowering Dwarf, Mixed. Plants of this variety grow about 8 inches high. **Pkt. 10c; $\frac{1}{8}$ oz. 75c.**

POPPIES (Papaver) *Annual*

Annual Poppies should be sown as early as possible in the spring where they are to flower, as they do not transplant well. Thin out plants to stand 3 to 4 inches apart, and keep the old blossoms cut.

Single Shirley. Finest Mixed. A wide range of colors. **Pkt. 10c; $\frac{1}{4}$ oz. 25c.**

Double Shirley. Mixed. New. Semi-double type in a wide range of colors. **Pkt. 10c; $\frac{1}{4}$ oz. 35c.**

HARDY POPPIES *Perennial* (Nudicaule; Iceland Poppies)

Hardy perennials that will flower the first year from seeds.

Double Mixed. Pkt. 15c.

Single Mixed. Pkt. 10c.

ORIENTAL POPPIES *Perennial*

Sow seed early in spring. The resulting plants will disappear in July and August, appearing again as the weather gets cool. Transplant then to their permanent quarters.

Scarlet. Magnificent flowers of brilliant scarlet. **Pkt. 10c; $\frac{1}{4}$ oz. 60c.**

Oriental Mixed. Pkt. 10c; $\frac{1}{8}$ oz. \$1.00.

SWEET WILLIAM *Perennial* (Dianthus Barbatius)

Single, Newport Pink. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Single, Dark Crimson. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Single, Finest Mixed. Each, pkt. 10c; $\frac{1}{4}$ oz. 40c.

Double, Finest Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

SCHIZANTHUS (Butterfly Flower or Poor Man's Orchid)

Beautiful bushy plants covered with dainty contrasting colors. **Pkt. 10c.**

SHASTA DAISY

Perennial

Maximum, Alaska. Pure, glistening white Daisy. 5 inches across. An excellent cut flower. Height, 3 ft. **Pkt. 10c; $\frac{1}{8}$ oz. 35c.**

Giant Double. A profusion of double, pure white and creamy white blooms. The semi-double blooms have curled and quilled florets. **Pkt. 10c.**

SNAPDRAGON

See Antirrhinum.

STATICE *Perennial* (Sea Lavender)

Used in combination with other Everlastings in winter bouquets.

Latifolia. Purplish blue flowers, borne profusely on plants $2\frac{1}{2}$ feet high. **Pkt. 10c; $\frac{1}{8}$ oz. 50c.**

PORTULACA *Annual* (Sun Plant; Mexican Rose)

A gay annual of easy culture, thriving best in an exposed sunny location. Brilliant flowers produced throughout the summer in great profusion. Do not sow until warm weather. Height 6 inches.

Single Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 60c.

Double Mixed. Pkt. 10c; $\frac{1}{8}$ oz. \$1.00.

PYRETHRUM *Perennial* (Painted Daisies)

Large Daisy-like flowers on 2-foot stems. Exceptionally fine for cutting.

Single Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

PRIMULA *Perennial* (Primrose)

Beautiful early spring-flowering perennials. Thrive best in half shade, rich, moist, and well-drained soil.

Veris (English Cowslip). Mixed colors. Height, 6 to 9 inches. **Pkt. 25c.**

SALPICLOSSIS *Annual* (Painted Tongue)

A beautiful annual, producing freely orchid-like flowers all summer. Height $2\frac{1}{2}$ feet.

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

SALVIA (Scarlet Sage)

Start the seed indoors in March and April, and set out when weather is settled.

Bonfire. Dwarf Annual. Compact bushes about 2 feet high, with brilliant scarlet flower-spikes. **Pkt. 10c; $\frac{1}{8}$ oz. 75c.**

Splendens (Scarlet Sage). Annual, Tall, erect, green foliage. Long spikes of flowers in great profusion. **Pkt. 10c; $\frac{1}{8}$ oz. 50c.**

SCARLET RUNNER BEAN *Annual*

An ornamental climber bearing large sprays of scarlet blossoms. Height, 12 to 15 feet. **Pkt. 10c; oz. 20c.**

SCABIOSA

(Mourning Bride! Pin-Cushion Flower)

The annual type grows quickly from seed and is superb for cutting. It grows $2\frac{1}{2}$ feet high, and blooms from July until frost.

Annual Varieties

Large-Flowered Tall Double

Rosette. Beautiful shade of deep rose heavily suffused with salmon. **Pkt. 10c.**

Giant Flowered Hybrids, Mixed. All colors. **Pkt. 10c; $\frac{1}{4}$ oz. 50c.**

Perennial Varieties

Caucasica alba. A pure white variety, fine for cutting. Height, 3 feet. **Pkt. 10c; $\frac{1}{8}$ oz. 75c.**

Caucasica, Blue. Pkt. 10c; $\frac{1}{8}$ oz. 75c.

STOCKS *Annual*

(Gilliflower)

Double Early Giant Imperial Branching: Antique Copper. Buttercup, Chamois-Rose, Blood-Red, Mixed. Each, pkt. 10c; $\frac{1}{8}$ oz. 75c.

Large-Flowering Dwarf. Ten-Weeks Stocks. Mixed, pkt. 10c; $\frac{1}{8}$ oz. 60c.

SWEET WIVELSFIELD *Annual*

Sweet Wivelsfield (Hybrid Dianthus). Free flowering annual, resembling a Sweet William. Blooms all summer. **Pkt. 10c; $\frac{1}{8}$ oz. 30c.**



Shirley Poppy

FLOWER SEEDS (Continued)

SPENCER SWEET PEAS *Annual*

For gracefulness and delicate charm the Sweet Pea must be given its share of space in the garden. Not difficult to grow, yet it gives a profusion of blooms which vie with the orchid for color.

Simplicity. Glistening pure salmon.

Blue Moon. A true blue Sweet Pea.

Crimson King. True crimson; very good.

Gigantea. The best white-seeded white waved Sweet Pea.

Aristocrat. Charming, attractive clear pink. Each, pkt. 10c; 1 oz. 35c.

Mixed. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50.

THUNBERGIA (Golden Glory Vine)

Black-Eyed Susan. Mixed. A lovely plant forming a dense mat of foliage with large, showy flowers. Colors range through yellow, orange, buff, to pure white, mostly with jet-black centers, or eyes. Pkt. 10c; ¼ oz. 50c.

TITHONIA *Annual*

Speciosa (Mexican Sunflower). The orange-vermillion flowers resemble single African Marigolds, while the foliage and habit of growth are like the Dahlia. Pkt. 10c; ¼ oz. 40c.

TRITOMA *Perennial* Red Hot Poker; Torch Lily

Tall spikes, topped by narrow, tubular, pale yellow to orange-red flowers, closely arranged in shingle-like fashion. Pkt. 10c; ¼ oz. 45c.

VERBENAS

A brilliant free-flowering annual bearing large trusses of blooms, July until frost. Low, spreading plants which root wherever the stems touch soil.

Mammoth-Flowering Varieties. Annual. Blue Shades, Golden Yellow, Pink, Scarlet, White, Mixed. Each, pkt. 10c; ¼ oz. 50c.

Dwarf Mixed. Pkt. 10c; ½ oz. 65c.

Venosa (Hardy Verbena). Perennial. Bright purple flowers all summer. Height, 1 foot. Pkt. 10c; ¼ oz. 60c.

VENIDIUM *Annual*

Fastuosum. A magnificent new half-hardy annual from South Africa. Grayish silky foliage. The rich orange-colored, Daisy-like flowers, with a purple-black zone at the base of the petals, average 4 to 5 inches across. Plant in sunny position. Height, 3 ft. Pkt. 10c; ½ oz. 50c.

VERONICA *Perennial* (Speedwell)

A perfectly hardy plant that will thrive under almost any condition and produce very attractive blue flowers when most needed.

Spicata. Graceful long spikes set with bright blue flowers during June and July. Pkt. 10c; ½ oz. 75c.



Giant Dahlia-Flowered Zinnia

VINCA *Annual* Madagascar Periwinkle, Old Maid

Ornamental free-blooming annual with bright green, shiny foliage and one of the most satisfactory long-flowering bedding plants we have. 12 to 18 inches. White, Rose or Mixed. Pkt. 10c; ¼ oz. 65c.

WALL FLOWER See Cheiranthus

Wild Flower Mixture. This is a mixture of easily grown annuals. Pkt. 10c.

VIOLAS *Perennial*

Tufted Pansies. Smaller flowered than the Giant Pansies, these are very free blooming and are splendid for beds, borders, and rock gardens. Mixed. Pkt. 10c; ½ oz. 75c.

ZINNIAS

(Youth and Old Age)

Giant Double Dahlia-Flowered

Plants grow 2 to 3 feet high, bearing huge, double flowers, which resemble the Dahlia.

Attraction. Brick-red.

Canary Bird. Delicate primrose.

Crimson Monarch. Largest red

Dream. Deep lavender.

Exquisite. Light rose.

Old Rose.

Polar Bear. Large; pure white.

Golden State. Orange-yellow.

Oriole. Orange and gold.

Purple Prince. Deep purple. Any above, pkt. 10c; ¼ oz. 50c; 1 oz. \$1.25.

Gold Medal Mixture. Pkt. 10c; ¼ oz. 40c; 1 oz. \$1.00.

Will Rogers (Giant Dahlia-Flowering). A beautiful Zinnia which has created a sensation. Color, the brightest possible scarlet, and the form of flower typically Dahlia-like but of unusual size and substance. Pkt. 10c; ¼ oz. 50c; 1 oz. \$1.25.

Scabious-Flowered

Mixed. Really a curiosity. The outer row of petals is long and large, while the inner rows are short and tubular. Crowded with flowers. Height, 3 ft. Pkt. 10c; ½ oz. 30c.

Cupid

Mixed. 4 to 6 inches high, compact, covered with flowers of the Lilliput type. Colors range through red, orange, yellow, pink, rose, and other pastel shades. Excellent for pot-plant and border use. Pkt. 10c; ¼ oz. 60c.

Double Lilliput or Pompon

Plants bear a profusion of small densely double flowers on long stems.

Canary-Yellow, Crimson Gem, Flesh-Pink, Golden Orange, Salmon-Rose, Scarlet, White and Mixed. Pkt. 10c; ¼ oz. 30c.

Fantasy

Flowers are composed of a mass of shaggy, raylike petals. The color-range includes the brightest shades of reds and orange, as well as pastel pinks and cream. Pkt. 10c; ¼ oz. 50c.

ROSES

Richardson's
Griffith & Turner's
Wiseman-Downs'



Countess Vandal
**EVERBLOOMING HYBRID
TEA ROSES**

Red

- Ani Quinard.** Very dark velvety red.
Christopher Stone. Scarlet-crimson. Long, pointed buds.
Etoile de Hollande. Popular velvety scarlet.
McGredy's Scarlet. Velvety brilliant scarlet.
Poinsettia. Rich scarlet. Beautifully shaped buds and large, brilliant blooms.
Red Radiance. Very reliable old favorite, cherry-red.

White

- Caledonia.** Long, pointed buds and snowy white flowers.
Kaiserin Augusta Victoria. Pure white, tinged lemon.
Killarney, Double White. Exquisite snowy buds and flowers.
Mme. Jules Bonche. Vigorous growth. Lovely white flowers, lightly tinted with pink.

Two-Toned

- Autumn.** Popular double Rose of deep red and golden yellow.
Condesa de Sastago. Rich yellow buds copper-color blooms. Vigorous and bushy grower.
Girona. Multicolored — Turkey-red and golden yellow. Full, double flowers of beautiful form.
President Herbert Hoover. Very strong growth. Big, semi-double flowers of coppery rose and gold.
Roslyn. Golden yellow with reverse orange. A cut-flower type that does well outside. Bud of excellent form.
Talisman. Very popular ruffled red and yellow Rose.

Yellow

- Golden Dawn.** Light yellow; fragrant. Good foliage.
Joanna Hill. Long buds; light apricot-yellow.
McCready's Yellow. Canary yellow. Glossy foliage.
Mrs. E. P. Thom. Splendid yellow garden Rose.
Mrs. Pierre S. du Pont. Deep glowing yellow.
Sister Therese. Golden yellow, long pointed buds.

Pink

- Betty Uprichard.** Vivid coppery rose shell-pink; semi-double.
Editor McFarland. Well-shaped flowers of deep rose-pink.
Lady Ashtown. Clear, warm rose-pink. Long-pointed buds. very large.
Miss Rowena Thom. Ruddy pink; very large.
Mme. Butterfly. Old favorite. Pale rose and gold.
Pink Dawn. Deep pink with orange at the base.
Pink Pearl. Light, clear pink, fragrant.
President Macia. Long-pointed buds of rich carmine-pink, inside of petals flesh-pink.
Radiance. Most popular of all pink Roses.

NEW PATENTED ROSES

- Better Times.** Pat. No. 23. Bright crimson; long stems. \$1.25 each.
California. Patent No. 449. Glorious shade of ruddy orange toned with saffron-yellow. Buds long and pointed; of enormous size. \$1.50 each.
Crimson Glory. Plant Pat. No. 105. Deep vivid crimson shaded with dark red. \$1.25 each.
Countess Vandal. Plant Pat. No. 38. Flame-pink, tinged bronze and rose. \$1.25 each.
Sterling. Patent No. 21. Beautiful pink. Large, long-pointed bud of brilliant deep pink, with yellow at base. \$1.25 each.
Eclipse. Plant Pat. No. 172. Golden yellow. \$1.25 each.
Texas Centennial. Plant Pat. No. 162. Bright vermilion-red. \$1.00 each.

CLIMBING ROSES

- Blaze.** Plant Pat. No. 10. Reported to be an everblooming form of the blazing red Paul's Scarlet Climber. \$1.25 each.
Climbing American Beauty. Rose-pink.
Dr. W. Van Fleet. Strong climber with lovely, pink flowers.
Doubloons. Pat. No. 152. A radiant yellow Climbing Rose with large, compact, double blooms coming in clusters. Blooms in midseason and tends to re-bloom later. \$1.50 each.
Jacotte. Remarkable orange buds, and big, buff-apricot flowers. One of the finest Climbers.
Mme. Gregoire Staechelin. Finest of all Climbers. Pearl-pink flowers.
New Dawn. Plant Pat. No. 1. Much like Dr. W. Van Fleet but also blooms in the autumn. \$1.50 each.
Paul's Scarlet Climber. Most popular.
Silver Moon. Huge, flat flowers of dazzling white.

POLYANTHA OR BABY ROSES

- Cecile Brunner.** The Sweetheart Rose. Soft rosy pink on a rich creamy white. \$1.00 ea.
Donald Prior. Pat. No. 337. \$1.00 ea.
Betty Prior. Pat. No. 340. \$1.00 ea.
The Prior twins are two of the finest everblooming Roses in existence. Betty with lovely blooms like pink dogwood blossoms and Donald with clusters of velvety red, are a pair you will cherish.

FRUIT TREES AND PLANTS

APPLES

3 year. \$1.50 each

- Delicious.** Medium to large; red. Oct.
Grimes Golden. Medium; yellow. Late Aug.
Stayman Winesap. Large; red. Nov.
Yellow Transparent. Medium; yellow. July.
York Imperial. Large; red. Nov.

BLACKBERRIES

Eldorado. \$2.00 per doz.; \$10.00 per 100.

CHERRIES

3-year. \$2.00 each

- Black Tartarian.** Sweet.
Montmorency. Sour. Bright red.
Napoleon. Sweet. Yellow with pink blush.

GRAPES

- 2-year. 65c each; \$6.50 per doz.; except as noted.
Concord. Late; black.
Caco. Fine red. 75c each; \$7.50 per doz.
Moore's Early. Standard early black.
Niagara. Greenish yellow.

PEACHES

Extra selected. \$1.50 each.

- Belle of Georgia.** Blush; flesh white.
Carman. Cream, red blush; white flesh.
Elberta. Yellow, red blush; flesh yellow.
Crawford's Early. Yellow, red cheek.
J. H. Hale. Yellow, overlaid carmine; flesh yellow.

PEARS

3-year. \$2.00 each.

- Bartlett.** Large; fine-grained. Aug.
Kieffer. Large; blight resistant. Oct.
Seckel. Small; tender. Sept.

RASPBERRIES

6 for \$1.50; \$2.50 per doz.

- St. Regis.** Early variety. Red.

STRAWBERRIES

- \$1.50 for 25; \$3.00 per 100; except where otherwise noted.
Klondike. Early, large, dark red.
Catskill. Large, early.
Premier. Early, large, red.
Mastodon. Fall-bearing. \$2.00 for 25; \$5.00 per 100.

All Prices Subject to Change

E. MILLER RICHARDSON & CO., 108 Light St.—PLaza 8684-8685

BULBS AND ROOTS



Cactus Dahlia

GLADIOLUS

Whites

Carmen Sylva. Pure White. 85c per doz.; \$6.50 per 100.

Shirley Temple. Cream, yellow throat, ruffled. \$1.00 per doz.; \$7.00 per 100.

Yellow and Orange Shades

Primrose Princess. Sulphur yellow. 85c per doz.; \$6.50 per 100.

Golden Dream. Best golden yellow. Late. 85c per doz.; \$6.50 per 100.

Gold Eagle. Early yellow. 80c per doz.; \$6.00 per 100.

Bit o' Heaven. Orange; very tall. 85c per doz.; \$6.50 per 100.

Orange Queen. Apricot-yellow. 80c per doz.; \$6.00 per 100.

Pink Shades

Debonair. Salmon-pink; tall spike. 85c per doz.; \$6.50 per 100.

Picardy. Sensational shrimp-pink. \$1.00 per doz.; \$7.00 per 100.

Phyllis McQuiston. Deep pink, large and tall. 65c per doz.; \$4.00 per 100.

Pride of Wanakah. Large rose-pink. \$1.00 per doz.; \$7.00 per 100.

Red Shades

Southern Cross. Intense scarlet-red. 85c per doz.; \$6.50 per 100.

Flaming Sword. Tall red. Early. 80c per doz.; \$6.00 per 100.

Excellence. Large bright scarlet. \$1.00 per doz.; \$7.00 per 100.

Blue and Lavender Shades

Pelegrina. Deep blue violet. \$1.00 per doz.; \$7.00 per 100.

Minuet. Delicate lavender. Late. \$1.10 per doz.; \$7.50 per 100.

Charles Dickens. Lovely purple. \$1.00 per doz.; \$7.00 per 100.

Deluxe Mixture Gladiolus

85c per doz.; \$6.00 per 100.

TUBEROUS-ROOTED BECONIAS

This charming class of Begonia is perhaps the most handsome of all tender summer-flowering tuberous-rooted plants. Splendid for window boxes or outdoors grown in the shade.

Single. Salmon, Scarlet, Pink, White and Yellow. 30c each; \$3.25 per doz.

Double. Salmon, Scarlet, Pink, White and Yellow. 30c each; \$3.25 per doz.

PEONIES

Peonies take rank as one of the most beautiful hardy perennials. No garden is now complete without these gorgeous blooms.

We can supply the following colors, each separately labeled: Light and dark pink, white and red. Your choice.

40c each; \$4.50 per doz.



Gladiolus



Decorative Dahlia

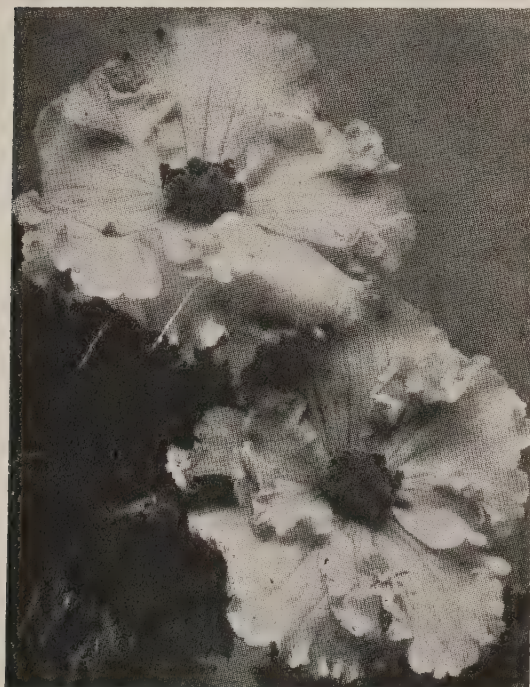
BALL DAHLIAS

A. D. Livoni. Pink.
American Beauty. Red.
Charlotte Caldwell. Orange.
Mary Helen. Yellow.
Purple Ball. Purple.
Storm King. White.

Any above Ball Dahlias 25c each; five for \$1.00.

CACTUS DAHLIAS

	Each
Brides Bouquet —White.....	\$0.25
Etenard DeLyon —Lavender .....	.25
Golden Standard —Bronzy yellow.....	.35
Jersey Melody —Pink .....	.35
Kismet —Red .....	.35



Tuberous-Rooted Begonia, Single

DAHLIAS

*Richardson's
 Griffith & Turner's
 Wiseman-Downs'*

CULTURE

Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 foot deep; fertilize with pulverized sheep or cow manure, scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound of high grade fertilizer to each plant and work in thoroughly.

LARGE DECORATIVE DAHLIAS

	Each
Arcturus —Scarlet and gold.....	\$0.35
Avalon —Large yellow.....	.25
Blue Jersey —Orchid lavender.....	.35
Hillcrest Sunset —Autumn shade.....	.35
Incandescent —Bronzy yellow and pink.....	.50
Jane Cowl —Bronze buff.....	.35
Jersey Beauty —Large clear pink.....	.30
Kentucky —Salmon .....	.35
Mad River Chief —Dark red.....	.50
Miss Long Island —Large pink.....	.50
Monarch of the East —Golden buff.....	.50
Monmouth Champion —Flame red.....	.25
Monmouth Queen —Light yellow.....	.30
Mrs. Ida De Ver Warner —Orchid.....	.25
Pride of California —Vivid red.....	.30
Purple Wonder —Large purple.....	.35
Red Sunset —Bright red.....	.50
Sagamore —Apricot buff.....	.30
Wenoka —Rosy mauve.....	.35
White Wonder —Large pure white.....	.35
Zant's White —A fine large white.....	.50

DAHLIAS

Double Miniature Dahlias

Arthur Kerley. Bright red.

Bronze Beauty. Bright buff deepening to rich bronze.

Catherine. Pure rich yellow.

Edith Mueller. A suffusion of gold and orange-red.

Joe Fette. Pure white.

Rosa Wilmouth. Rose-pink.

Any above Miniature Dahlias: 30c each; \$3.00 per doz.



Miniature Dahlia

ASPARAGUS SEED AND ROOTS

One ounce of seed will sow a row 40 feet long and will produce about 600 plants; 5 pounds to the acre; 150 roots to a bed 15x50 feet or 8000 to the acre.

Mary Washington. This strain produces large, straight shoots, dark green in color, with heavy purple overtone. It is nearer to being rustproof than any other variety. **Seed: Oz. 15c; ¼ lb. 50c; lb. \$1.50. Roots: 25 for 75c; 100 for \$2.50. Prices on application for larger quantities.**

BUSH OR SNAP BEANS

CULTURE—Plant after the weather has become settled, around the first of May. Sow in rows 2 to 2½ feet apart, dropping the beans 4 inches apart in the row. Cover about 2 inches deep. Make successive sowings 2 weeks apart up to August 1st. One pound will sow a row 100 feet long; 60 pounds to the acre.

Green Podded

Bountiful. Stringless. Very hardy; as early as the Long Green Six Weeks. The best flat-podded variety. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Burpee Stringless. Pods are dark green, absolutely stringless and mature early. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Full Measure. A very fine round stringless variety. Pods are long and borne in great quantities. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Giant Stringless. Pods longer than Burpee Stringless and a shade lighter in color. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Horticultural Dwarf. An old standard Snap and Shell Bean. Pods about 5 inches long, almost stringless, greenish-yellow splashed with carmine. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Landreth's Stringless (Improved Burpee's). 6 to 7 inch, straight, round, dark green, stringless pods. Season 54 days. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

New Stringless Green-Pod. (Tendergreen). Very similar to Full Measure, much hardier, and more resistant to rust. **Lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.**

Plentiful. Stringless green-pod. The pods are flat, medium green, 6 to 7 in. long, strictly stringless at all stages, and of the choicest quality. Plants are most prolific. Black seeded. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Streamliner. 51 days. White seed. Pods are exceptionally long, 7 in. and more in length, straight, flat and entirely stringless at all stages of growth. Ideal for home and market. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Stringless Black Valentine. The hardest of all Beans. The long, very handsome pods are productive and attractive. Has all the good qualities of the old variety and now, being stringless, it ranks first among early shipping varieties. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Stringless Red Valentine. Early green pods, round and thick, of fine quality. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

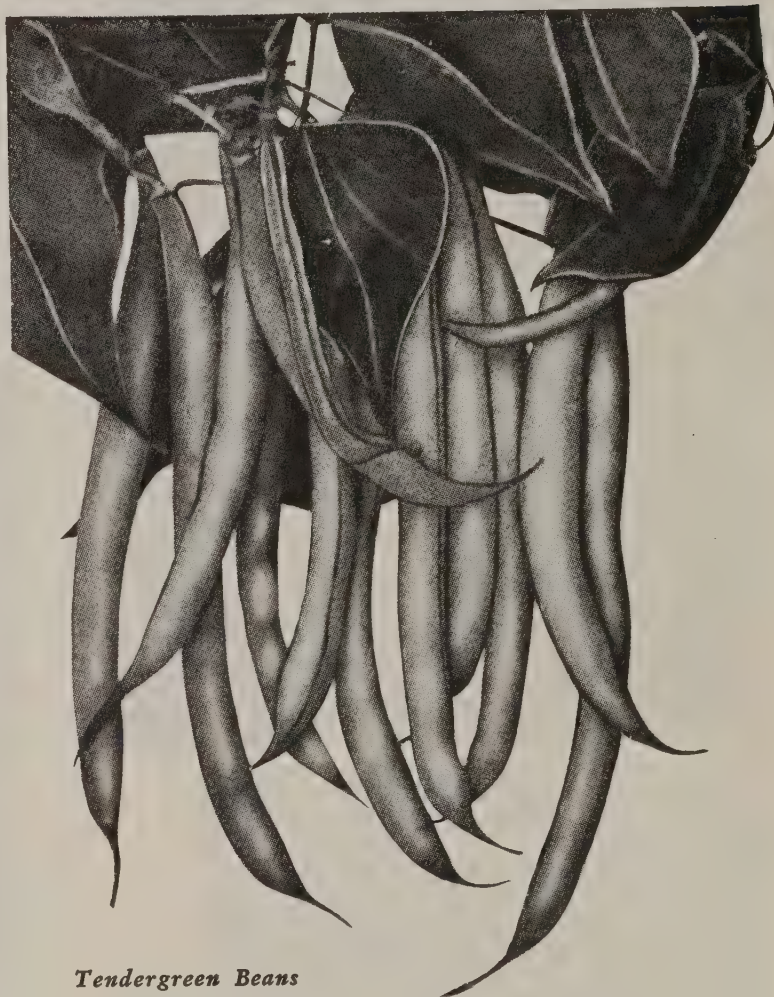
Tennessee Green-Pod. A favorite. Pods 6 to 7 inches long, of exceptionally fine flavor. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Edible Soy Beans "Bansei"

Lb. 30c; 2 lbs. 55c; 15 lbs. \$3.00.

Yellow or Wax Podded

Golden Wax Improved. Early, vigorous, and a bountiful yielder of shapely, tender pods. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**



Tendergreen Beans

Round-podded Kidney Wax (Brittle Wax). An improved Wardwell's Kidney Wax. Pods are long, straight, and of excellent quality. Heavy bearer. **Lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.**

Sure-Crop Stringless Wax. Rich yellow Beans 6 to 7 inches long, stringless at all stages of growth. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

POLE OR CORNFIELD BEANS

1 lb. will plant 200 hills. Culture same as Pole Lima Beans.

October, or Horticultural (Wren's Egg or Cranberry). The pods are 5½ to 6 inches long, and can be used as snaps, for shelling when green, or dried for winter use. A splendid Bean for baking. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Old Homestead, or Kentucky Wonder. This is the old reliable green-podded Pole Bean and is also used very extensively in cornfields. The pods are thick and fleshy, slightly curved, green, 7 to 10 in. long; when young are stringless. **Lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.**

Kentucky Wonder Wax. Golden yellow. Pods are flat and fleshy, measuring 7 to 8 inches in length. **Lb. 45c; 2 lbs. 85c; 15 lbs. \$4.25.**

Lazy Wife. Pods green, slightly shorter than Kentucky Wonder, but thicker, and matured Beans white, much larger, and more meaty. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

McCaslan. Dark green pods, 8 in. long, flat, curved, brittle and fine grained; shows slight strings as the pods reach full size. Large white beans; delicious for dry shell use. **Lb. 40c; 2 lbs. 75c.**

White Creaseback. Handsome green pods, 6 to 7 inches long, meaty, almost stringless, produced in clusters. Splendid shipper. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

White Seeded Kentucky Wonder (Burgers). An improved strain White Seeded Kentucky Wonder. **Lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00.**

BUSH LIMA BEANS

CULTURE—Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They should be sown on well-enriched land, with the rows 2½ feet apart, placing the beans 6 inches apart in the row. Cover about one inch deep. One pound will plant 50 feet of row.

Burpee's Improved Bush Lima. A true and improved bush form. Vigorous and productive, with very large pods 5 inches long and usually contain 4 large thick Beans of excellent quality which dry greenish white. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Burpee's Bush Lima. Plants large, sturdy, hardy, and productive. Pods 4 to 4½ inches long, containing 3 to 4 Beans which are as large as any pole sort, flat and white. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Enormous Early Bush Lima. One of the earliest, largest, and best of all Bush Lima Beans. **Lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.**

IMPORTANT—Buy your seeds early; avoid the rush

PRICES OF ALL BEANS F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

TESTED VEGETABLE SEEDS - - Continued

Richardson's
Griffith & Turner
Wiseman-Downs'

Bush Lima—Continued

Fordhook Bush Lima. Generally considered the best of the large-seeded Bush Limas. Bushes are of strictly erect habit, branching freely, with all the branches held upright. It is from 4 to 6 days earlier than other varieties of this class. Pods about 5 to 6 inches long, in clusters of 4 to 8, well filled with 4 to 5 delicious large Beans. **Lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.**

Henderson's Bush Lima. Possibly the earliest of the Bush Lima Beans. Seeds are a little smaller than the Wood's Prolific. It is very productive and an extremely popular variety. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Wood's Prolific Bush Lima. This is a small-seeded variety, very early and productive. Plants grow about 20 inches high and bear continuously throughout the season. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

BROCCOLI

CULTURE—Sow seed in open ground, 1 ounce to 100-yard row, ½ inch deep, and get plants in field in July or August. After the center head is cut it will produce side-shoots with a smaller head. One of the best, has succulent asparagus flavor.

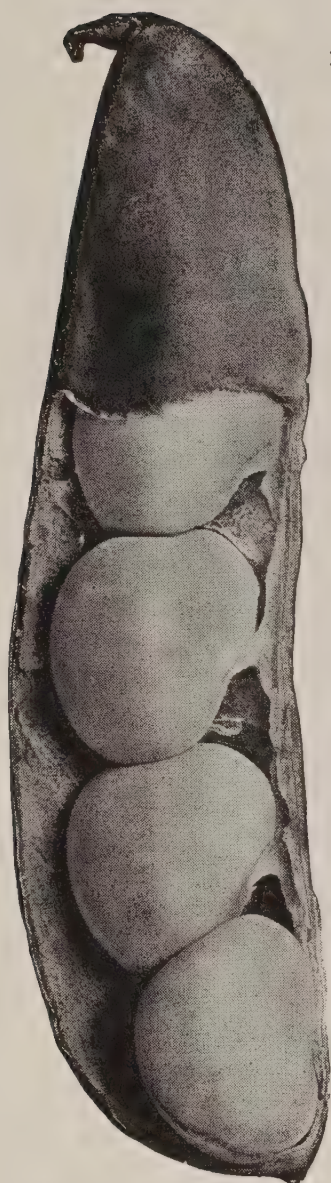
Italian Calabrese, Green Sprouting. (60 days). The leading variety for shippers and truckers. Tall, branching heads of bluish green, becoming more popular each year. **Pkt. 10c; oz. 25c; ¼ lb. 90c; lb. \$3.00.**

Italian Salad, "Rapa." This variety produces leaves only. **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.**



Calabrese Broccoli

ALL PRICES SUBJECT TO CHANGE
WITHOUT NOTICE



Burpee's Improved Bush Lima

POLE LIMA BEANS

CULTURE—Pole Limas are even less hardy than the bush type and should not be planted until all danger of frost is passed. Set the poles about 4 feet apart each way and plant 6 to 8 beans, eyes downward, around each pole. When plants are up, thin out to 3 plants to a pole. Use a shovelful of rich, light, well rotted compost to each hill. One pound of seed will plant 75 to 100 hills.

Burpee's. Best Pole Lima. Produces pods along its entire length in clusters of 4 to 8. The pods are straight, 5 to 6 in. long, 1½ in. broad, and nearly one inch thick. The beans are thick, resembling Fordhook Bush Lima. **¼ lb. 30c; lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00.**

Carolina, or Sieva. Early, small Beans but of fine flavor. Excellent dried Lima Bean for winter use. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Carpinteria. Vines vigorous, setting many pods closely filled with large, flat Beans, thicker than ordinary Pole Limas. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Early Leviathan. Earliest large-podded sort. Pods 5 to 6 inches long and often contain 5 or 6 large, flat, pale green Beans of excellent quality. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Giant Emerald Isle. One of the largest-podded and the heaviest cropper of all Limas. It grows green, dries green, stays green. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Dreer's Improved, or Challenger Lima. Also known as the Potato Lima. Entirely distinct, producing thick, compressed-looking Beans in their pods, and of a delicious and distinct flavor. **Lb. 45c; 2 lbs. 85c; 15 lbs. \$4.25.**

King of the Garden. An old standby of vigorous growth, bearing large, dark green pods with 4 or 5 large white Beans of excellent quality. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Ford's Mammoth. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

PRICES OF BEANS F.O.B. BALTO.

GARDEN BEETS

CULTURE — For a continuous supply throughout the season, make the first sowing outdoors the early part of April and every two weeks thereafter up to August 1st. Sow in rows about 1½ ft. apart, firm seed well in ground. One ounce will sow 50 ft. of drill; 6 lbs. per acre.

Crosby's Egyptian. Attractive shape, small tops. Popular with truckers for extra early market. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

Detroit Dark Red. A fine Turnip Beet of dark red color and early maturity. Very attractive. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

Early Wonder. The earliest spring Beet. It is of uniform size, globular shape, very dark red, fine-grained, tender and sweet. Can be grown profitably throughout the season. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**



Early Wonder Beet

Extra-Early Eclipse. Globe-shape, dark red, tender. Very early and highly recommended. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

Improved Early Blood Turnip. Dark red, uniform, smooth growing. A good variety for home use and for main crop. Very best quality; medium early. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

TESTED VEGETABLE SEEDS -- Continued

MANGEL OR STOCK BEET

Mammoth Long Red. Grows to an enormous size. Very easily cultivated; generally used for Stock Beet. Postpaid: Oz. 20c; ¼ lb. 40c; lb. \$1.25.

Golden Tankard. Especially recommended for dairymen on account of its milk-producing properties. Well adapted to our soils. Postpaid: Oz. 15c; ¼ lb. 40c; lb. \$1.25.

BRUSSELS SPROUTS

Culture same as cabbage. But keep leaves removed to allow small heads to develop.

Improved Long Island. Postpaid: Pkt. 10c; oz. 75c; ¼ lb. \$2.00.

CABBAGE

CULTURAL DIRECTIONS—One ounce will produce about 2,000 plants; 10,890 plants will plant an acre of early cabbage; and 7,260 plants for an acre of late. Three ounces of seed will plant an acre of early and five ounces an acre of late cabbage. For early cabbage, sow seed in hotbeds in January or February. Transplant as early as possible to the open ground about two feet apart each way. For late cabbage, sow seed in the open ground in May and transplant about July 1st in rows 2½ feet each way.

G. & T. Pedigree Wakefield. Used extensively by large growers, a profitable strain because of its excellent heading qualities, with few plants going to seed. Very desirable size and uniformly early. Oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

Charleston, or Large Wakefield. Favorite, large, pointed type, a week later than Early Jersey Wakefield. Postpaid: Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.

Copenhagen Market, Early Danish. As early as Charleston Wakefield. Very heavy, solid, large, globe-shaped head. Postpaid: Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.50.



*Jersey Wakefield
Cabbage*

VEGETABLE PLANTS

We will have a good supply of Vegetable Plants from April 25th to June 20th, including the following varieties:

TOMATO
CABBAGE

PEPPER
EGG PLANT

SWEET POTATO

CELERY PLANTS

after July 1st in the following varieties:

SELF BLANCHING
FORDHOOK

GIANT PASCAL
WINTER QUEEN

All Celery Plants

50 for 75c—100 for \$1.00

500 for 45c—1000 for \$2.00

We cannot accept Parcel Post or delivery orders on plants.

ASPARAGUS ROOTS

MARY WASHINGTON RUSTPROOF

25 for 75c—100 for \$2.50

If by mail add 25c per 100 for postage and packing
Larger quantities—ask for prices

RHUBARB ROOTS

20c each—dozen \$2.25

If by mail add 25c per dozen for postage and packing

Danish Ballhead, or Holland. A medium-sized, round-headed sort; good quality. One of the best for shipping and winter keeping. Postpaid: Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.50.

Early Jersey Wakefield. Very early; sure-heading. Forms nice, medium-sized, pointed heads, solid and of good quality. Postpaid: Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.

Early Succession. Wonderful solidity, productiveness, and fine, large heads. Postpaid: Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.

Stein's Early Flat Dutch. Unexcelled for early spring planting; medium-sized heads unbeatable for home use or shipping. Postpaid: Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.

Golden Acre. A medium-sized but very fine variety, maturing in 80 days, with round, solid heads. Postpaid: Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.50.

Large Late Drumhead. A good winter Cabbage. Few outside leaves and solid head. Postpaid: Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.

TESTED VEGETABLE SEEDS -- Continued

CELERY

Celery is generally grown as a second crop, following early cabbage, onions, peas, etc. Sow early in April, transplanting about the first of June. Set in rows about 3 feet apart. $\frac{1}{4}$ oz. of seed will produce about 1,000 plants.

Easy Blanching. The longest keeping Celery grown, excelling in this respect every other sort. It is the easiest and quickest to blanch, stocky in growth, and of medium height. The stalks are tender, brittle, and attractive in appearance, of excellent quality and rich nutty flavor. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

Golden Self-blanching. The best of all early self-blanching varieties. It is of dwarf compact growth, with thick, solid, heavily ribbed stalks which blanch easily to a clear waxen yellow. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

Giant Pascal. It makes large, thick, solid stalks, with beautiful creamy yellow heart; blanches easily and quickly; very crisp. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

Improved White Plume. A magnificent Celery for early use, and being self-blanching, requires but little working. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.40; lb. \$5.50.**

Winter Queen. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.60; lb. \$5.50.**

Celeriac or Turnip-Rooted Celery

Giant Prague. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

CAULIFLOWER

Cauliflowers delight in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant the plants 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the 10th of April. Set the plants in the field 15x24 inches apart.

One-fourth ounce produces about 500 plants. Three ounces will make enough plants to set 1 acre.

Extra-Early Dwarf Erfurt. Small plants with short outer leaves and medium heads of uniform quality. A good late variety. Postpaid: **Pkt. 25c; $\frac{1}{2}$ oz. \$1.75; oz. \$3.00.**

Snowball. Early, very hardy, and produces snow-white heads of good size. Our strain of this variety is unexcelled. Postpaid: **Pkt. 25c; $\frac{1}{2}$ oz. \$1.75; oz. \$3.00.**

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

HERBS

Sweet, Medicinal and Pot Herbs

Anise, Pkt. 10c. Chickory, Pkt. 10c.
Chives, Pkt. 20c. Coriander, Pkt. 10c.
Sage, Pkt. 25c. Caraway, Pkt. 10c.
Dill, Pkt. 10c; $\frac{1}{4}$ lb. 60c; lb. \$1.25.
Lavender, Pkt. 25c.
Marjoram, Sweet. Pkt. 15c.
Sweet Basil, Pkt. 15c.
Sweet Fennel, Pkt. 10c.
Thyme, Broad-leaved English. Pkt. 20c.

CARROTS

CULTURE—Sow seed about $\frac{1}{2}$ in. deep as soon as the soil can be dug, placing rows about 18 inches apart. One ounce will sow 100 feet of drill, 3 to 4 pounds for an acre.

Chantenay. Suited to either garden or field culture. Medium-sized top, small neck, tapered roots, and thick shoulder. Orange color. Postpaid: **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.**

Danvers Half-Long Orange. Orange-red; smooth and handsome; sweet, crisp, and tender. Postpaid: **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.**

Improved Long Orange. The roots grow uniform and smooth, 8 to 10 inches long, of large size and deep, rich orange color. Postpaid: **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.**

Oxheart, or Guerande. Particularly desirable for heavy soils. It tapers slightly; very stump-rooted. Postpaid: **Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.**

Imperator. The roots are smooth, taper slightly from a rounded shoulder down to the semi-blunt tip. The flesh is a rich orange with practically no core. Postpaid: **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.**

CELTUCE

Pkt. 15c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 55c; oz. \$1.00.

COLLARDS

CULTURE—Same as Kale.

Georgia Southern, or Creole. Postpaid: **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.**

Cabbage Collards. As white and crisp as Cabbage. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.**



Easy Blanching Celery

Cabbage—Continued

Perfection Drumhead Savoy. This is the hardest heading and best all-around Savoy. Postpaid: **Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.**

Premium Late Flat Dutch. Large, flat, uniform, solid heads of finest quality. For winter use. Postpaid: **Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.**

Red Dutch. **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.75.**

Chinese Cabbage (Pe-Tsai). Grown for cole-slaw and salad. Delicate and tender. Postpaid: **Pkt. 10c; oz. 40; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Yellows Resistant Cabbage Seed

Jersey Queen (Resistant Jersey Wakefield). Postpaid: **Oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

Marion Market (Resistant Copenhagen). Postpaid: **Oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.**

Wisconsin All Season. Postpaid: **Oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.**

Wisconsin Hollander. (120 days.) Selected from the famous Danish Ballhead, requires about the same time to come to maturity. Heads large, round, flattened on top but quite deep; 5 to 7 lbs. **Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

TESTED VEGETABLE SEEDS -- Continued

Early Evergreen. Early Stowell's Evergreen type. White kernel, deep grains, and delicious. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**

Golden Bantam. Extra early; very sweet and tender. Small ear of golden yellow color. Bears 2 and 3 ears to the stalk. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**

Golden Giant. Produces ears from 8 to 9 inches long with 12 to 14 rows. Grains are a deep creamy yellow. It matures about 5 days later than Golden Bantam. Fine flavor. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**

Howling Mob. A fine second-early Corn of delicious flavor. The stalks are about 5 feet in height and produce early in the season. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**

Shoe Peg. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**

Stowell's Evergreen. Standard sort long known as one of the best for main crop. Large ears, very deep grains, sugary. Remains longer in the "roasting ear" state than any other. **Lb. 40c; 2 lb. 75c; pk. \$3.75.**

Trucker's Favorite. A favorite variety with all market gardeners and truckers, following Early Adams, but larger ears, deeper grains, a sure crop. Sweet and palatable. **Lb. 20c; 2 lbs. 35c; pk. \$2.00.**

Vanguard. (79 days). Very productive early corn which we believe to be resistant to Stewart's disease; quality is excellent, flavor is delicious; 8 in. ears containing 10 or 12 rows of large white kernels. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**

Whipple's Early White. (82 days). The size of the ears will remind you of Stowell's Evergreen, but in season it is as early as the small-eared early varieties. The ears are 7 to 8 in. long and have 14 to 18 rows of deep, rather narrow kernels. 5 to 6 ft. high. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**

Whipple's Early Yellow. (About 87 days.) A 14-rowed ear, 7 to 8 in. in length. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**

Prices on Corn F.O.B. Baltimore

HYBRID SWEET CORN

Golden Cross Bantam. Very uniform in habit of growth, size and maturity. The ears are fully 8 inches long and they are closely set with 14 rows of yellow grains filled with delicious sweet pulp. Often bears 2 ears. Postpaid: **Lb. 55c; 2 lbs. \$1.00; pk. \$5.25.**

Ioana. An attractive and productive variety, highly resistant to drought and wilt, suitable for either gardener or canner. Plants tall and sturdy, with broad and numerous leaves. Ears $7\frac{1}{2}$ to 8 inches long, 12- to 14-rowed, cylindrical; well-filled with medium-narrow, light yellow kernels. Fodder $6\frac{1}{2}$ feet, matures in about 85 days. **Lb. 65c; 2 lbs. \$1.25; 5 lbs. \$3.00.**

Stowell's Evergreen Hybrid. Produces 12- to 16-rowed, cylindrical or slightly tapering ears about $8\frac{1}{2}$ inches long. In a normal season on fertile soil this hybrid produces 50 to 75% two-eared stalks and will out-yield Stowell's Evergreen 25 to 40%. Postpaid: **Lb. 60c; 2 lbs. \$1.10; pk. \$5.50.**

Country Gentleman Hybrid. Although the ear resembles Country Gentleman in general, this hybrid will be found greatly superior to the old variety, especially as to uniformity and maturity. Has fine deep kernels, a heavier root system, and yields heavily. Postpaid: **Lb. 65c; 2 lbs. \$1.10; pk. \$5.50.**

POP CORN

Giant Yellow. **Lb. 25c.**

CRESS

Upland. **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

CUCUMBERS

CULTURE—Sow seed about 1 inch deep in hills 4 to 6 feet apart each way when the weather has become settled. Thin out, leaving 4 strong plants in each hill. One ounce will plant 50 hills; 2 pounds will plant an acre.

Always Green (Stays Green). Grows 6 to 8 inches long, is very dark green. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.**

A. & C. The beautiful straight fruits grow about 10 inches in length and $2\frac{1}{2}$ inches thick, well rounded at the end and dark green, which color is held after picking much longer than most others. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Boston Pickle. A fine pickler. Very productive. Fruits small, shaped like Chicago Pickling, but less prominent spines. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.**

Clark's Special. A popular variety with the shippers in some sections. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.**

The Colorado Cucumber. A nice long dark green variety of recent introduction, that is becoming popular with truck growers. **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Early Fortune. A decidedly early variety with fruits about 9 inches long, crisp and tender. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.**



Stowell's Evergreen Corn

GARDEN CORN

CULTURE—Seed is likely to rot if planted in cold ground. About middle of May when soil is warm, plant in hills 3 feet apart each way, covering about 5 seeds half an inch deep, and thin out to 3 plants to a hill, or plant in rows 3 feet apart, and thin out plants to stand 12 inches apart in rows. For a succession of crops plant every two weeks up to July 15th. One pound will plant 100 hills, or about 250 feet of row.

Adams Extra-Early. Makes a small ear and stalk and can be planted close together. Used by our market gardeners to catch the early market. **Lb. 20c; 2 lbs. 35c; pk. \$2.00.**

Black Mexican. **Pkt. 10c; lb. 40c; 2 lbs. 75c.**

Country Gentleman. A very distinct shoe-peg variety. Prolific, making 2 or 3 ears on good land. Ears about 8 to 9 inches long, deep, pearly white grains of finest flavor. **Lb. 40c; 2 lbs. 75c; pk. \$3.75.**



White Spine
Cucumber

Cucumber—Continued

Gherkin or Burr. Used for pickling.
Pkt. 10c; oz. 20c; ¼ lb. 60c; lb.
\$2.00.

Improved Early White Spine. The
fruits are 5 to 7 inches long,
smooth, slightly pointed, deep rich
color. Very prolific. Postpaid: Pkt.
10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Improved Long Green. Our stock of
this sort is very fine. Fruits dark
green, 10 to 12 inches long; crisp,
and of the finest quality. A heavy
yielder. Postpaid: Pkt. 10c; oz. 20c;
¼ lb. 60c; lb. \$2.00.

Early Cluster. Postpaid: Pkt. 10c; oz.
20c; ¼ lb. 50c; lb. \$1.75.

KOHL-RABI

CULTURE — Kohl-rabi is
grown for its turnip-shaped bulb,
which is formed above ground.
The bulbs should be used while
young and tender. Set plants 8
inches apart. Plants are grown
as cabbage.

Early White Vienna. The best
variety of this useful vege-
table, the edible part of which
is the enlarged, globe-shaped
stem. Postpaid: Pkt. 10c; oz.
50c; ¼ lb. \$1.50; lb. \$5.50.

LEEK

CULTURE—Select good onion
soil, mature liberally, and plant
in April in rows ½ inch deep
and 18 inches apart, and thin to
6 inches apart in the rows.
Gradually draw the earth around
the plants when cultivating. Sow
1 ounce to 150-foot row, 4
pounds an acre.

Mammoth Flag. Pure white, with
attractive dark leaves. Stout
in habit and hardy. Postpaid:
Pkt. 10c; oz. 60c; ¼ lb. \$2.00.

ALL PRICES SUBJECT TO
CHANGE WITHOUT NOTICE

ENDIVE

CULTURE—Same as Lettuce. One ounce of seed to
200 feet of row.

Batavian, or Broad-leaved. This variety forms large
heads of broad, thick leaves, which are used for
flavoring soups and stews. Requires to be tied up
for blanching. Postpaid: Pkt. 10c; oz. 15c; ¼ lb. 50c;
lb. \$1.50.

Giant Green Curled. For fall and winter crop. Finely
cut leaves. Cultivate same as lettuce. Postpaid: Pkt.
10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

EGGPLANT

CULTURE—Sow seed in hotbeds early in spring and
transplant to the open after all danger of frost is over,
2 feet apart each way; cultivate frequently. One ounce
of seed will produce 1000 plants.

Black Beauty. Nearly two weeks earlier than any other
variety. Color is deep purple. Grown largely by
market gardeners. Postpaid: Pkt. 10c; oz. 50c; ¼ lb.
\$1.75; lb. \$6.00.

KALE

CULTURE—Sow from May to June ½ inch deep in
drills about 1½ feet apart and cultivate like cabbage.
For early spring use sow in September and protect
during the winter. The flavor is improved by frost.
One ounce produces about 2000 plants.

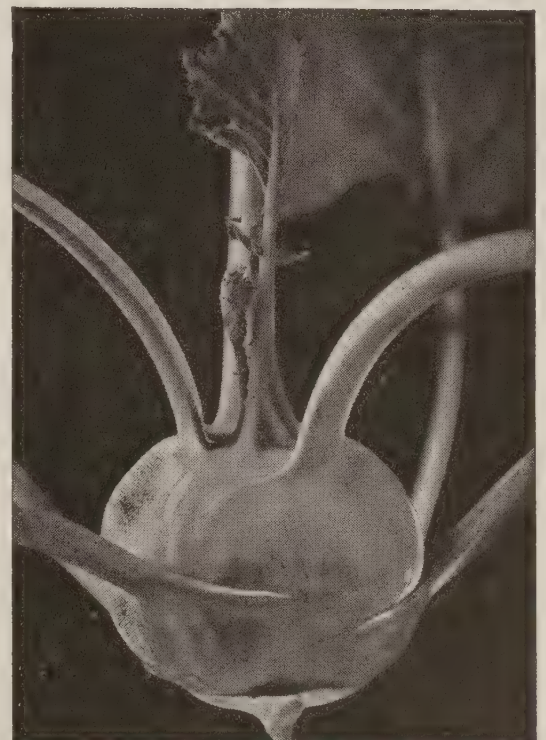
Extra-Curled New American. (63 days.) Blue-green
leaves, very finely cut and of excellent flavor. Plant
very productive. Height, 15 to 18 inches. Pkt. 10c;
oz. 15c; ¼ lb. 50c; lb. \$1.50.

Dwarf Green Curled Scotch, or Norfolk. Hardy where
temperature does not go below zero. Leaves are
bright green, beautifully curled. Postpaid: Pkt. 10c;
oz. 20c; ¼ lb. 50c; lb. \$1.75.

Siberian, or German Curled. Heavily curled. A fast
grower; extremely hardy. Postpaid: Pkt. 10c; oz. 15c;
¼ lb. 50c; lb. \$1.50.

Spring, or Smooth. Early variety. Best for spring.
Earlier than the winter varieties. Postpaid: Oz. 10c;
¼ lb. 20c; lb. 50c.

Dwarf Blue Scotch. Postpaid: Pkt. 10c; oz. 20c; ¼ lb.
50c; lb. \$1.75.



Kohl-Rabi

TESTED VEGETABLE SEEDS -- Continued

MUSKMELON OR CANTALOUPE

CULTURE—Sow when the ground has become thoroughly warm, in hills 5 to 6 feet apart each way. A few shovelfuls of well-rotted manure should be incorporated in each hill. Scatter 12 to 15 seeds on top of each hill and cover about $\frac{1}{4}$ inch deep. Thin out to 2 or 3 strongest plants per hill. One ounce for 50 hills; 2 to 3 lbs. in hills per acre.

Early Rocky Ford. Its earliness is a distinct advantage to market growers. Closely netted; sweet and spicy. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Hale's Best No. 36. An improved strain adapted to shipping, roadside market and home garden. Slightly smaller than the original strain but more uniform in size. Net is very heavy, only a slight stripe showing, rind strong, flesh thick, good quality. Shape is slightly oval. **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Hale's Best No. 45. A strain developed to resist powdery mildew. A good type Hale's, oval in shape, medium large, thick flesh, dark orange color, seed cavity very small. **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.25.**

Hale's Best No. 936—Jumbo. Similar to No. 36 except it is a larger or jumbo strain. **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

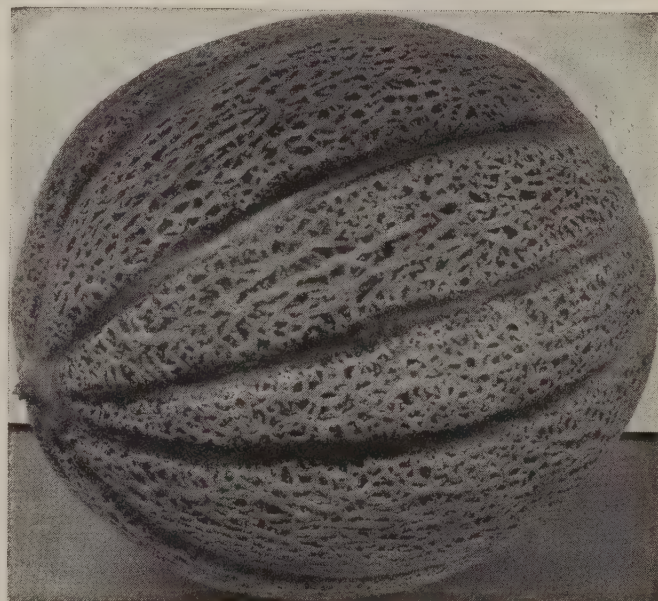
Hearts of Gold. An ideal shipping melon of finest quality. Rich orange, very thick, firm, and of delicious flavor. Postpaid: **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.**

Honey Dew (Antibes). Fruit large, ovoid, about 10 inches long and 8 inches in diameter; surface smooth, hard, creamy white, turning to a lemon tint when fully ripe; flesh light emerald-green, very thick, ripening to the rind. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Improved Junior Rocky Ford. Uniform in size and has deep, rich green flesh, shading to salmon-pink at seed-cavity. Resistant to blight. Postpaid: **Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.**

Long John. This variety is becoming very popular in Maryland in sections where Cantaloupes are grown extensively. It is a Rocky Ford type in every respect except the shape which is very long; it is also very rough and heavily ribbed. Matures about 10 days later than Rocky Ford. **Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.**

Pride of Wisconsin. A very large elongated shaped melon with very thick deep yellow flesh of lustrous quality. The rind is cream colored and slightly netted. **Oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.**



Improved Jr. Rocky Ford Cantaloupe



Big Boston

LETTUCE

CULTURE—For a succession, sow seeds of Lettuces in the open ground around the middle of April. Lettuces must be thinned out to stand from 8 to 10 inches apart in the row to head properly. During July again sow early Butterhead varieties for a fall supply. One ounce will produce about 3000 plants.

Big Boston. Large heads; leaves light green, slightly tinged brown at edges. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Cos Lettuce, or Romaine Salad. Forms large, conical heads which blanch pure white and are of the most delicate flavor. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Early Curled Simpson. **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Great Lakes. An outstanding type of new Crisp-head or Iceberg. A summer lettuce; it stands heat and sun, is remarkably slow to seed and is also very resistant to tip-burn. The heads are of medium size, solid and crisp. **Pkt. 25c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.**

Grand Rapids. There is no better curled Lettuce for forcing. Does well outdoors and does not form heads. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Iceberg. Large, curly leaves of bright, light green, with slight reddish tinge at edges. Postpaid: **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.**

New York, or Wonderful. Immense, very solid heads; heart blanches beautifully; tender and crisp. Fine for summer. Postpaid: **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.**

Simpson Black-seeded. One of the best large, early, loose-heading varieties. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

White Big Boston. Solid, of excellent quality, 10 days ahead of Big Boston, to which its general character is very similar. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

Early Prizehead. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

TESTED VEGETABLE SEEDS -- Continued

Richardson's
Griffith & Turner's
Wiseman-Downs'



Stone Mountain

WATERMELONS

CULTURE — Watermelon seed should be planted in rich, sandy soil, in May and June, in hills 8 to 10 feet each way, 1 inch deep. Sow 3 ounces to 100 hills, 4 pounds an acre.

Burrell's Grey. (90 days.) Far superior to other long grey melons. Fruits large, weighing, as a rule, 40 to 45 pounds; oblong and full. Color light greyish green. Rind extremely hard and tough, making it a good shipper. Fresh, firm, stringless, bright red and eating quality about as good as possible in a long distance shipping melon. **Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.**

Dixie Queen. A large nearly round Melon with sweet, deep red flesh. Rind greyish green with dark stripes. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Florida Favorite. A large, long, early melon. Ships well. Its solid, juicy, bright crimson meat is deliciously sweet to the rind. Postpaid: **Oz. 15c; ¼ lb. 25c; lb. 90c.**

Garrison (Coker). A long light melon with dark green irregular stripes. Flesh beautiful red, tender and sweet. Dingy white seed. **Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.**

Hawkesbury. Vines vigorous. Melons weigh 30 pounds or more. Light grey-green rind which is tough. Flesh red, no trace of hard centers. Black seeds. Resistant to fusarium wilt. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Leesburg, or Wilt Resistant Kleckley's Sweet. Often reaching 50 pounds. Dark green skin; thin rind; flesh bright scarlet, with solid heart, delightfully sweet, ripening right up to the thin rind. Postpaid: **Oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Schochler Improved. Fruits very large, large, dark green, with very faint stripes; rind hard and tough. Flesh rich red, fine grained, of good quality. **Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.25.**

Stone Mountain. Almost round; dark green rind; medium thick, rich scarlet flesh. Not unusual to grow Stone Mountain weighing 40 to 65 pounds. Seed white with black tips. Postpaid: **Oz. 20c; ¼ lb. 40c; lb. \$1.25.**

Tom Watson. Long, dark green, like Kleckley Sweet but larger and has a tougher rind, giving it exceptionally fine shipping qualities. Postpaid: **Oz. 20c; ¼ lb. 40c; lb. \$1.25.**

MUSTARD

CULTURE — Mustard has grown popular both as a salad and for greens. Sow in spring, and every 2 weeks up to July, in shallow drills 1 to 1½ feet apart. Use the leaves when young, before flower buds appear. One ounce of seed will sow 75 feet of drill.

Southern Giant Curled. Forms a mass of leaves, curled and crimped around the edges. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.**

Tendergreen (Mustard Spinach). **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.**

OKRA OR GUMBO

CULTURE — Sow in rich, warm soil, about the middle of May, in drills 3 feet apart and cover an inch deep. Thin to 1½ feet. One ounce of seed will sow 30 feet of drill.

Dwarf Long Island Green-Pod. Produces a great abundance of dark green pods of the best quality. Postpaid: **Oz. 15c; ¼ lb. 35c; lb. \$1.00.**

PARSNIPS

CULTURE — The seed should be sown as early as the ground is fit—never later than mid-May. Make the rows 1½ feet apart and cover the seed about ½ inch deep. Thin out the plants to stand 4 to 5 inches apart. Give frequent deep cultivation. One ounce of seed will sow 100 feet of row.

Sugar, or Hollow Crown. Long, smooth, white roots, tender and well flavored. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

ONION SEED

CULTURE — To grow large Onions from seed, it should be sown as early as possible in the spring, as Onions grow much better during the cool weather, and should make most of their growth before the hot weather sets in. Sow 1 ounce to 100 feet, 5 pounds an acre, in rows 12 to 14 inches apart, 2 to 4 inches apart in rows. Onions for sets, sow 40 to 50 pounds an acre, in rows 10 to 12 inches apart.

Japanese, or Ebenezer. A Yellow Globe variety resembling Yellow Danvers, but is larger and a better keeper. Very popular. Postpaid: **Pkt. 10c; oz. 45c; ¼ lb. \$1.75; lb. \$6.00.**

Prizetaker, or Spanish King. Large and of extra-fine flavor. Outside skin rich yellow straw-color; flesh pure white, sweet, and mild. Postpaid: **Pkt. 10c; oz. 60c; ¼ lb. \$2.00; lb. \$7.50.**

Red Wethersfield. **Pkt. 10c; oz. 60c; ¼ lb. \$2.00; lb. \$7.50.**

Silverskin. A pure white Onion; very mild and sweet. Postpaid: **Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$7.00.**

Yellow Globe Danvers. Best-known and most largely grown yellow Onion for spring planting. Postpaid: **Pkt. 10c; oz. 45c; ¼ lb. \$1.75; lb. \$6.00.**

ONION SETS

¾ in. Bar Screened

CULTURE — Onion Sets require clean, very rich soil, which should be thoroughly cultivated. Disturb the roots of the Onion as little as possible, either in thinning or hoeing, and never hoe earth toward them to cover or hill. Plant 1 quart to 50 feet, 12 to 15 bushels to acre.

Japanese. Nearly globe-shape, mild, and sweet. Excellent keeper. **Lb. 40c.**

Silverskin. Fine spring Onion of mild flavor. Heavy yielder and good keeper. **Lb. 40c.**

Yellow Danvers. The most desired yellow Onion for spring planting. **Lb. 40c.**

Please note Prices on Onion sets covers period from March 1 to 16th. All Prices Subject to Change.

PARSLEY

CULTURE — Sow in early spring in rows 1 foot apart and cover firmly ¼ inch deep; thin out to 6 inches. One ounce of seed will sow 200 feet of drill.

Double Curled. The most densely curled of all, being very like some luxuriant moss. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.25.**

Hamburg, or Rooted. A rooted variety of which the roots are the portion used; good in flavoring soups and stews. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Plain, or Single. A strong, hardy plant which is excellent for seasoning. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

TESTED VEGETABLE SEEDS -- Continued

Wrinkled Varieties

Champion of England. Grows 4 to 5 feet high; abundant bearer. Pods 3 inches long. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Early Wonder. Finest early wrinkled Pea. Pods handsome, bluish green, 4 inches long, and filled with 8 large, dark green Peas of superb quality. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Gradus, or Prosperity. One of the best early varieties. Pods are large, well filled, and of unsurpassed quality. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Laxtonian. Produces large, very dark green pods 4 inches long, filled with Peas of delicious flavor. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Little Marvel. A very early wrinkled variety, extra fine in flavor, tender and sweet. Very prolific. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

McLean's Little Gem. Very early; delicious flavor. Prolific. Vines 1½ feet high. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Nott's Excelsior. One of the earliest Sugar Peas. Vine vigorous and a heavy bearer, about 12 inches high. Pods about 3 inches long. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Thomas Laxton. Early; of good quality. Hardy, strong grower, bearing abundantly. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Telephone Improved. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Smooth Varieties

Ameer. Larger, more prolific strain of Alaska, ripening a few days later. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Dwarf Grey Sugar. Grows 18 inches high and produces a heavy crop of small, flat pods. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Early Bird. Extremely early, of superb quality and unusual productiveness. Dwarf, vigorous vines bear an abundance of large, green pods, filled with delicious Peas. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

Edible-podded Mammoth Melting Sugar. Height about 4 feet. The pods are borne in great profusion, and should be gathered when the seeds are just beginning to form. They are broken in pieces the same as string beans. **Lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.**

Extra-Early Alaska. Pods are well filled of good length, and beautiful green color. **Lb. 25c; 2 lbs. 45c; 15 lbs. \$3.00.**

Long-podded Alaska. Very good early shipper. Vines 3 feet high, with frosty, green pods and fine flavor. **Lb. 35c; 2 lbs. 65c; 15 lbs. \$3.50.**

PRICES OF PEAS F.O.B. BALTIMORE
POSTAGE EXTRA

PEPPERS

CULTURE—Start seedlings in hot-bed about March 1 and transplant to garden about middle of May, 15 to 18 inches apart in rows 18 to 30 inches apart. Sow 1 ounce to produce 1000 plants, 8 ounces an acre; 11,000 to 12,000 plants an acre.

California Wonder. Of squatty shape, making it fine for stuffing and serving individually. The flesh is very thick, sweet and mild flavored. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.50.**

Chinese Giant. Most popular of the older varieties. Very early, of good size and flavor, with thick flesh. An excellent shipper. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.50.**

Long Red Cayenne. Well-known narrow, bright red Pepper, used for various culinary purposes. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.**

Ruby King. This splendid large, early Pepper has been most profitable for market gardeners. Very mild and sweet. Extremely productive. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.**

Sweet Bullnose. Vigorous and stocky, carrying the fruit well throughout the season. Slightly smaller than Ruby King and not quite as mild. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.**

Red Chili. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.**

World Beater. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.**

PUMPKINS

CULTURE—Plant in May 1 inch deep, in hills 8 feet apart. Use 10 seeds to each hill, as bugs often destroy the young plants, but allow only 2 or 3 healthy plants to remain in each hill. They are usually planted in fields with corn or potatoes. Sow 1 ounce to 100 feet, 4 pounds an acre.

Connecticut Field (Large Yellow). Excellent for stock-feeding. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

Green Striped Cushaw. Large, with crooked neck; creamy white, irregularly striped or traced with green. Flesh light yellow, very thick and sweet. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

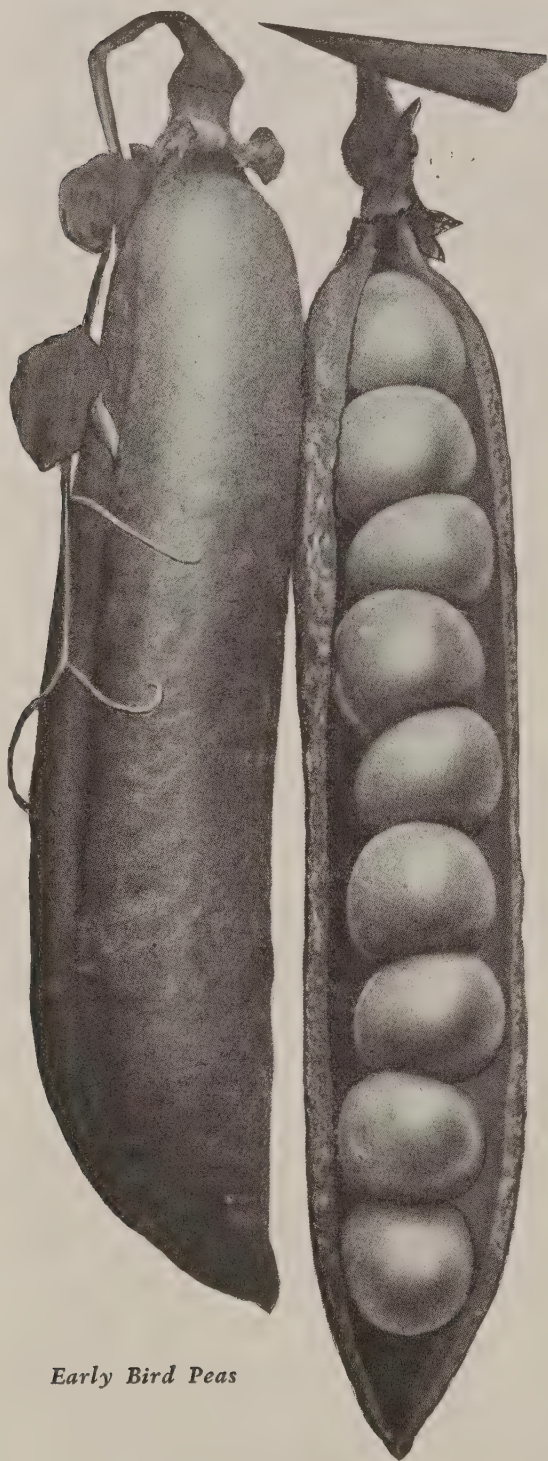
King of the Mammoths. Sometimes weighs over 100 pounds. The flesh is golden yellow. An excellent keeper. Postpaid: **Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.**

New England Pie (Sugar). Small, round, very sweet, fine grained, and of the best quality. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Sweet Potato. Finest variety for table. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Japanese Pie. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Kentucky Field. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**



Early Bird Peas

GARDEN PEAS

CULTURE—There are two classes of Peas, the smooth-seeded kinds, which are very hardy and may be planted as early in the spring as the ground can be prepared, and the wrinkled Peas, which are less hardy but much better in quality. Wrinkled Peas should not be sown much before mid-April. Sow in drills about 3 feet apart and 3 inches deep.

By planting 1 or 2 varieties of smooth-seeded Peas as early as possible and then a selection of wrinkled sorts that will mature in succession, a constant supply of tender green Peas may be had. Two pounds will sow 100 feet of row, 2 bushels to the acre in 3-ft. rows.



Scarlet Globe Radish

RADISHES

CULTURE—Sow seed as soon as ground becomes warm, put out successive plantings every 10 days, in rows 10 to 15 inches apart, ½ inch deep, and thin to 1 to 2 inches apart. Sow 1 ounce to 100 feet, 8 to 10 pounds an acre. Winter varieties are planted in August for winter use. The roots keep well if stored in a cool place.

Chartier, or Shepherd. Long, crimson, tipped with white. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

Cincinnati Market. Small tops about 6 inches long. Bright scarlet; delicate skin. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

Early Scarlet Globe. Earliest Radish. Beautiful, transparent, round, bright red, remarkably crisp. Small tops, short leaves. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 90c.**

Early Scarlet White-tipped Turnip. A scarlet variety of handsome shape, having a white-tipped root. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.**

French Breakfast. A white-tipped, olive-shaped sort, and one of the earliest for forcing. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.**

Giant White Stuttgart. An immense white summer Radish. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.**

Long White Icicle, or Lady Finger. Early long white variety of slender form, tender, crisp, and with delicate flavor. Fine for forcing. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

White Summer Strasburg. Oblong, tapering, crisp and tender; both flesh and skin pure snow-white. Grows very quickly, and can be sown throughout the summer. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

Long Scarlet Short Top. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.**

Winter Radishes

Celestial, or White Chinese. The finest of the Chinese varieties, growing to a very large size. The roots are shaded by its heavy foliage, and are always crisp and mild. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

Chinese Rose. Half-long, pink, solid, mild flesh. Sow in August. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

Long Black Spanish. The hardiest long Radish, especially adapted for winter use. Thick, almost black, with white flesh of firm texture. Postpaid: **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

RHUBARB OR PIE PLANT

CULTURE—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills, 1 inch deep, a foot apart; thin to 4 to 5 inches. Keep soil loose and free from weeds. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm, and very rich soil. Sow 1 ounce to 100 feet, 3 pounds an acre; 5000 to 7000 roots an acre.

Myatt's Victoria. The most popular variety. Comes quite true from seed.

Seed: Postpaid: **Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. \$2.75.**

Roots: Extra-large, 2-yr. Each 20c; Doz. \$2.25. (Mailing weight 2 lbs. each; postage extra.)

SALSIFY (Oyster Plant)

CULTURE—Sow in early spring, in light, rich soil, ½ inch deep, in drills 14 inches apart, and thin the plants to 3 to 4 inches apart. The roots will be ready for use in October and will sustain no injury by being left in the ground during the winter. Sow 1 ounce to 1000 feet, 8 pounds an acre.

Mammoth Sandwich Island. The most popular Salsify in cultivation, weight, and productiveness. A strong grower with large, long, white tapering roots without a tendency to branch. Postpaid: **Pkt. 10c; oz. 40c; ¼ lb. \$1.50; lb. \$5.00.**

SPINACH

CULTURE—For summer use, sow early in spring, covering the seed 1 inch deep, 3 to 6 inches apart, in rows 12 to 18 inches apart. Select rich soil and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For a very early spring crop, sow in September, and protect the plants through the winter by top-dressing. Sow 1 ounce to 60 feet, 10 to 12 pounds an acre; broadcast 20 pounds an acre.

Long-Standing Bloomsdale. Remain in condition for use 10 days longer than the regular Bloomsdale before bolting to seed. Recommended for spring sowing. Heavily crumpled, dark green foliage. ¼ lb. 25c; lb. 75c.

New Zealand. Thrives during the hottest summer weather and in any soil. The tender tips may be cut every few days; continues till frost. Soak for 24 hours and plant 4 seeds in hills 2 feet apart each way. **Oz. 20c; ¼ lb. 60c; lb. \$2.00.**

Re-selected Bloomsdale Savoy. The most popular variety. Very early; hardy; curled leaves. ¼ lb. 25c; lb. 75c.

Old Dominion. A long-standing strain of Blight Resistant Virginia Savoy. Best adapted for sowing in late fall for an early spring crop. **Oz. 15c; ¼ lb. 25c; lb. 75c.**

Virginia Savoy Blight Resistant. This is a blight resistant strain of Savoy. **Oz. 15c; ¼ lb. 25c; lb. 75c.**

SQUASH

CULTURE—Plant the bush kinds in well-drained ground, enriched with rotted manure, in hills 5 feet apart each way; the winter kinds 10 to 12 feet apart each way. One ounce of seed for 25 hills; 3 to 4 pounds per acre.

Bush Varieties

Acorn or Table Queen. Acorn-shaped, 3 in. long and 4 in. thick; deeply ribbed, dark green skin and light orange flesh that cooks dry and sweet. **Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.75.**

Cocozelle Bush. Compact growth. Fruits are oblong, 12 in. or more in length, 4 to 5 in. in diameter. Skin dark green, striped. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Early Prolific Straightneck. 51-55 days. Improved Giant Straightneck. The fruits are 8 to 10 inches long, 2 to 2½ inches in largest diameter. It is long, slender, pear-shaped, with rounded or abruptly tapered tip; smooth or sparsely warted; light yellow in the edible stage. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.**

Early White Bush, or Patty-Pan Cymbling. Popular. Squash for home use and market. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Green Tint Benning. Very similar to White Bush except the fruit has an attractive green tint. Very popular with market gardeners. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Golden Summer Crookneck. Early, best, and richest summer Squash. Very productive. A foot long, with crooked neck, densely warted. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

Running Varieties

Boston Marrow. In form and size similar to Hubbard. Shell bright orange; flesh yellow and firm. The best for canning or pies. Postpaid: **Oz. 15c; ¼ lb. 35c; lb. \$1.00.**

Golden Hubbard. Similar to Hubbard, except that it is smaller, matures earlier and is of an orange-red color, except for a bit of olive-green on the blossom end. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

True Hubbard. Fruits large, olive-shaped, with dark green skin and very rich flesh. An excellent keeper and of splendid quality. Postpaid: **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

TESTED VEGETABLE SEEDS -- Continued

TOMATOES



Rutgers Tomato

SWISS CHARD

CULTURE—Swiss Chard replaces spinach during the hot weather and is as easy to grow as beets. Sow the seed during April or May in rows 16 to 20 inches apart and thin the seedlings to stand 1 foot apart in the row. The plants are quite hardy and will yield throughout the summer and fall until frost. The leaves are prepared like spinach, the white midribs like asparagus. A packet will sow 25 feet of row; an ounce 100 feet; 4 pounds per acre.

Fordhook Giant. The rich blue-green leaves are much crinkled and average 10 inches by 2½ feet, thick and fleshy. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

Giant Lucullus. Grows 2½ feet high. Leaves heavily crumpled, very crisp. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.**

BURPEE RHUBARB CHARD

60 days. A new Swiss chard that looks like Rhubarb. The leaf-stalks are bright but delicate, translucent crimson; the rich color extends out through the veins into the dark green, heavily crumpled leaves. **Pkt. 15c; oz. 50c; ¼ lb. \$1.50.**

BURPEE'S TAMPALA

Is a delicious green vegetable, the leaves of which are cooked, prepared and served like spinach, but is better than spinach in many important respects. **Pkt. 15c; ½ oz. 60c; ¼ oz. \$1.00; 1 oz. \$3.50.**

Rutgers. Makes a big, vigorous plant on which large, globular, deep red fruits are borne in quantity. Resistant to disease. **Pkt. 10c; oz. 40c; ¼ lb. \$1.15; lb. \$4.00.**

Rutgers Certified. ¼ lb. \$1.50; lb. \$5.00.

TURNIPS and RUTABAGAS

CULTURE—Turnips thrive best in cool weather. The early flat sorts may be sown from very early spring up to the middle of May. The main crop for fall and winter use should be sown in July or August. Sow the seed in drills 1 to 1½ feet apart and thin out to stand 4 inches apart.

Early Purple-top Strapleaf. Flat, white with purple top; fine-grained and tender. Used for early market and table. **Oz. 15c; ¼ lb. 25c; lb. 75c.**

Improved American Purple-top Rutabaga. The finest yellow-fleshed Rutabaga grown. Hardy, sweet, good keeper. **Oz. 20c; ¼ lb. 35c; lb. \$1.00.**

Large White Norfolk Globe Pomeranian. Makes large, round, handsome, white roots. **Oz. 15c; ¼ lb. 25c; lb. 75c.**

Large Yellow, or Amber Globe. Large globe-shaped; solid yellow flesh; green top. Fine for table and stock. Keeps well throughout the winter. **Oz. 15c; ¼ lb. 25c; lb. 75c.**

Purple-top White Globe. The most popular Turnip for market and table use. Makes large, globe-shaped roots, pure white, with purple top. **Oz. 15c; ¼ lb. 25c; lb. 75c.**

Seven-top. The old standard popular salad variety, grown exclusively for this purpose. **Oz. 15c; ¼ lb. 25c; lb. 65c.**

CULTURE—One ounce seed will produce about 2000 plants. Sow seed in March and April in the hotbed, or in pots in a sunny exposure in the house. Transplant when 2 to 3 inches high. When ground has become warm, transplant, on a rainy or cloudy day. Set the plants 4 x 4 feet, 3000 plants per acre.

Beefsteak, or Crimson Cushion. Quality is splendid. Grown for family use. Postpaid: **Pkt. 10c; oz. 75c; ¼ lb. \$2.75; lb. \$10.00.**

Bonnie Best. Early, smooth, bright red Tomato of medium size. Postpaid: **Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.50.**

Break o' Day. Resembles Marglobe in shape, size, color, and solidity. It is blight-resistant and a heavy yielder. Fruit ripens along with the earliest varieties. **Oz. 40c; ¼ lb. \$1.75; lb. \$6.00.**

Greater Baltimore. A canning Tomato upon which dependence can be placed under most adverse conditions to produce large, smooth, and solid fruit. Postpaid: **Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.**

Indiana Baltimore. ¼ lb. \$1.25; lb. \$4.00.

John Baer. One of the best early Tomatoes. A heavy cropper. Fruit bright red or scarlet, of good quality. Postpaid: **Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.50.**

Marglobe. Uniform, large, smooth, bright, red fruits. Heavy bearer and matures second early. Blight resistant and has proved valuable where Tomato diseases are troublesome. Postpaid: **Pkt. 10c; oz. 40c ¼ lb. \$1.25; lb. \$4.00.**

Marglobe Certified. ¼ lb. \$1.50; lb. \$5.00.

New Stone. Postpaid: **Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.**

Oxheart. 86 days. One of the largest tomatoes ever introduced, some fruits weighing 2 lbs. each. The oxheart shape of the pinkish red fruits is most distinct; interior is extremely solid. **Pkt. 25c; ½ oz. 85c; oz. \$1.50.**

Ponderosa. It is undoubtedly the largest, meatiest, and finest flavored Tomato in cultivation. Postpaid: **Pkt. 10c; oz. 75c; ¼ lb. \$2.75; lb. \$10.00.**

Pritchard (Early Red). Color, intense scarlet. A most important feature of this variety is its early maturity. **Oz. 45c; ¼ lb. \$1.35; lb. \$4.50.**

Pritchard Certified. ¼ lb. \$1.50; lb. \$5.00.

OUR STOCKS OF TOMATO SEED
ARE ALWAYS AMONG THE BEST
IN COMPETITIVE TESTS.

YELLOW TOMATO

Burpee's Jubilee. 72 days. Fruits are bright golden orange, deep globe shaped, weigh about 6 ozs.; the orange colored interior is modern, thick-walled, with few seeds and most attractive when sliced. The juice is rich, orange colored, full flavored and really delicious. Very high in Vitamins A and C. The plants bear over a long season. **Pkt. 15c; ¼ oz. 50c; ½ oz. 80c; oz. \$1.50.**

Golden Queen. Large size, smooth fruits of bright golden yellow. Thick and meaty yellow flesh of excellent flavor and mild acidity. **Pkt. 10c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.75.**

Used Principally for Preserving

Small-Fruited Tomato

Yellow Pear. Small, yellow, pear-shaped fruits of exceedingly mild and pleasing flavor. **Pkt. 10c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.50.**

Yellow Plum. The size and shape of a plum. Bright lemon-yellow; fine for preserves or salads. **Pkt. 10c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.50.**

VEGETABLE PLANTING CHART

Richardson's
Griffith & Turner's
Wiseman-Downs'

Vegetable	Depth to Cover (inches)	Space Between Rows	Space to Set Plants or Thin Out Seedlings	Time Required to Produce Crop Ready for Use	Approximate Yield per 20 ft. of Row	Seed Required to Sow One Acre	Time to Plant in Open Ground	
							South	North
Asparagus	Seeds, 1 in. Plants, 4 in.	3 to 4 ft.	15 in.	Seeds 4 years Plants 2 years	50 bunches of 1 doz. each for entire patch	4 lbs. 6500 plants	Autumn or early spring	Early spring
Beans } Bush (Limas, see below) } Pole	1 in.	2 ft.	4 in.	60 to 90 days	8 qts.	50 lbs.	Late spring	May and June
Beet	½ in.	18 in.	2 to 3 in.	60 to 80 days	8 doz. roots	8 lbs.	Feb. to April— Aug. to Sept.	April to Aug.
Broccoli	¼ in.	2½ ft.	24 in.	120 days.	60 heads	4 ozs.	Same as cabbage	
Brussels Sprouts	¼ in.	2½ ft.	24 in.	120 days	20 qts.	4 ozs.	Jan. to July	May and June
Cabbage	¼ in.	2½ ft.	18 to 24 in.	100 to 150 days	10 heads	3 ozs.	Oct. to Dec.— June and July	Mar. to June
Chinese Cabbage	¼ in.	2½ ft.	12 in.	80 to 100 days	20 heads	3 ozs.		
Carrot	⅝ in.	2 ft.	2 to 4 in.	45 to 60 days	5 doz. roots	3 to 4 lbs.	Mar. & Apr.—Sept.	April to June
Cauliflower	¼ in.	2 to 3 ft.	24 in.	120 to 150 days	8 to 10 heads	3 ozs.	Jan. & Feb.—June	April to June
Celery	⅝ in.	3 ft.	6 in.	100 to 120 days	2 doz. stalks	4 ozs.	Aug. and Oct.	May and June
Corn, Sweet	2 in.	3 ft.	12 in.	80 to 120 days	40 ears	8 to 10 lbs.	Feb. to April	May to July
Cucumber	¼ in.	4 ft.	3 to hill	60 to 80 days	60 to 80 pickles	2 lbs.	Feb. & Mar.—Sept.	April to July
Eggplant	⅝ in.	2½ ft.	24 in.	100 to 120 days	30 to 40 fruits	5 to 6 ozs.	Feb. to April	April and May
Endive	¼ in.	2 ft.	10 to 12 in.	60 to 80 days	30 to 40 plants	4 to 5 lbs.	Feb. to April	April and July
Kale	½ in.	2½ ft.	12 in.	80 to 100 days	20 plants	4 to 5 lbs.	Oct. to Feb.	Aug. to Sept. Mar. and April
Leek	⅝ in.	2 ft.	4 in.	100 days	60 plants	4 lbs.	May to Sept.	Mar. to May
Lettuce	⅝ in.	2 ft.	10 to 12 in.	45 to 60 days	35 heads	3 lbs.	Sept. to Mar.	Mar. to Sept.
Melon, Musk	¼ in.	4 ft.	3 to hill	100 to 120 days	30 fruits	3 to 4 lbs.	Feb. to April	April to June
Beans, } Bush Limas } Pole	1 in.	3 ft.	3 to 6 in.	100 days	6 qts.	30 to 50 lbs.	April to Sept.	May 1 to Aug. 10
Onions	1 in.	4 ft.	3 ft.	120 days	8 qts.	25 lb.	April to Sept.	May 1 to Aug. 10
Onion Sets	½ in.	18 in.	4 in.	80 to 110 days	80 onions 10 to 20 lbs. per row	5 lbs.	Oct. to Mar.	April to May
Peas	1 in.	18 in.	4 in.	60 days	80 onions	12 to 15 bu.	Early spring	Autumn— Feb. to May
Pepper	2 in.	2½ ft.	1 in.	60 to 100 days	10 to 20 qts. of pods	100 to 120 lbs.	Sept. to April	Mar. to June
Potatoes	½ in.	3 ft.	2 ft.	100 days	10 doz. peppers	½ to 1 lb.	Early spring	May and June
Potatoes, Sweet	4 in.	3 ft.	12 in.	100 days	35 to 60 lbs.	10 bu.	Jan. to April	Mar. to June
Pumpkin	3 in.	3½ ft.	18 in.	5 mos.	1 to 1½ bu.	6,000 plants	April and May	May and June
Radish	½ in.	4 to 6 ft.	3 to hill	100 to 120 days	15 to 20 fruits	3 to 4 lbs.	April and May	May and July
Rhubarb	½ in.	18 in.	1 to 4 in.	30 to 60 days	10 to 15 doz.	10 to 12 lbs.	Sept. to April	Mar. to Sept.
Rutabaga	1 in.	3 ft.	3 ft.	60 days	6 doz. stalks	3 lbs.		Early spring
Spinach	⅝ in.	2 ft.	6 in.	90 to 100 days	50 to 60 roots	2 to 4 lbs.	Aug. and Sept.	May and June
Spinach, N. Zealand	¼ in.	18 in.	4 in.	60 days	50 to 60 plants	15 to 20 lbs.	Sept. to Feb.	Sept. or very early spring
Squash	1 in.	18 in.	3 in.	2 mos.				May and June
Squash Chard	¼ in.	4 to 6 ft.	3 to hill	100 to 120 days	2 doz. fruits, bushvar.	4 to 6 lbs.	Spring	April to July
Turnip	½ in.	2 ft.	12 in.	90 to 100 days	20 plants	4 lbs.	Feb. to Sept.	April to Aug.
Watermelon	½ in.	3 to 4 ft.	3 ft.	100 to 120 days	15 to 20 lbs. per plant during season	2 ozs.	Dec. to Mar.	Late April
	1 in.	2 ft.	4 in.	60 days	60 to 80 roots	2 lbs.	Aug. to Oct.	April to Aug.
	½ in.	6 ft.	4 to 6 ft.	3 to 4 mos.	8 to 10 melons	4 lbs.	Feb. to April	April to June

Weight of Agricultural Seed per Bushel, Quantity, Time, and Depth of Sowing

KINDS OF SEED	Lbs. Per Std. Bu.	Rate to Sow lbs. per Acre	TIME TO SOW	Depth to Sow Inches	KINDS OF SEED	Lbs. Per Std. Bu.	Rate to Sow lbs. per Acre	TIME TO SOW	Depth to Sow Inches
Alfalfa—Broadcast....	60	18 to 22	Spring and ea. Fall...	½ to 1	Millets, Hung., for hay.	48	48	Late May to ea. July..	½ to 1
Alfalfa—Drilled.....	60	12 to 15	Spring and ea. Fall....	½ to 1	Oats.....	32	60 to 80	March, April.....	1 to 1½
Barley, spring.....	48	120 to 150	March, April.....	1 to 1½	Orchard Grass for hay..	14	21 to 28	Ea. Spring-Fall.....	½ to 1
Barley, winter.....	48	120 to 150	Aug. to Oct.....	1 to 1½	Peas, Austrian winter..	60	30 to 35	Aug., Sept., Oct.....	2
Bermuda Grass.....	40	4 to 6	March to May.....	½	Peas, Canada Field				
Blue Grass, Ky., for lwn.	14	125	Ea. Spring, Ea. Sept..	½	(broadcast).....	60	120 to 150	Early Spring.....	1 to 2
Blue Grass, Ky., for past	14	20 to 30	Ea. Spring, Ea. Sept..	½	Peas, Cow, broadcast...	60	75 to 90	May or June.....	1 to 2
Broom Corn.....	48	5 to 8	April, May.....	1 to 1½	Peas, Cow, drilled.....	60	25	May or June.....	1 to 2
Buckwheat.....	52	50 to 60	Late Spring.....	1 to 1½	Rape, broadcast.....	50	5 to 8	Ea. May to late July..	½ to 1½
Clover, Alsike.....	60	4 to 5	Winter to April.....	½ to 1	Rape, drilled.....	50	4 to 5	Ea. May to late July..	½ to 1½
Clover, Crimson.....	60	12 to 15	July to Oct.....	½ to 1	Red Top, Fancy.....	32	8 to 10	April or ea. Sept.....	½
Clover, Mammoth Sap.	60	6 to 10	Winter, early April...	½ to 1	Rye, Grain.....	56	84 to 112	Sept. to Nov.....	1 to 1½
Clover, Red.....	60	6 to 10	Winter, early April...	½ to 1	Rye, Grass.....	24	28 to 35	April or ea. Sept.....	½
Clover, Sweet, white or yellow.	60	12 to 15	Ea. Spg., Aug., Sept..	½ to 1	Sorghum Forage, broad.	50	40 to 50	May, June.....	1 to 1½
Clover, White Dutch...	60	6 to 8	March to April.....	½ to 1	Sorghum Forage, drilled	50	8 to 10	May, June.....	1 to 1½
Crotalaria.....	40	12 to 15	April, May, June.....	¾	Soy Beans, broadcast...	60	75 to 120	May, June.....	1 to 2
Fescue, Meadow.....	24	20 to 30	Ea. Spg., Aug.-Sept..	½	Soy Beans, drilled.....	60	25	May, June.....	1 to 2
Fescue, other varieties..	14	28 to 35	Ea. Spg., Aug.-Sept..	½	Sudan Grass, broadcast.	40	20 to 30	Late May to ea. July..	½ to 1
Lespedeza—Common...	25	25 to 30	Ea. Spg. after frost...	1 to 2	Sudan Grass, drilled...	40	10 to 15	Late May to ea. July..	½ to 1
Lespedeza—Kobe.....	25	20 to 25	Ea. Spg. after frost...	1 to 2	Sunflower.....	32	6 to 8	May.....	1 to 2
Lespedeza—Korean.....	25	20 to 25	Ea. Spg. after frost...	1 to 2	Timothy.....	45	8 to 10	Spring and Fall.....	½
Lespedeza Sericea (hld.)	60	25 to 30	Early Spring.....	1 to 2	Vetch, Winter or Hairy.	60	40 to 60	June to Sept.....	1 to 2
Millets—for hay.....	50	30	Late May to ea. July..	½ to 1	Vetch, Spring.....	60	40 to 60	March or April.....	1 to 2
					Wheat, Winter.....	60	75 to 90	Sept. to Nov.....	1 to 1½

CLOVERS, PASTURE MIXTURES, MISCELLANEOUS FARM SEEDS

Prices on all Field Seeds are subject to fluctuations. We will be glad to quote you firm prices on request. Orders entrusted to us will be filled at the lowest price of the day received.

BUCKWHEAT

Plant from June 1 to July 15, 1 bushel broadcast to the acre. **Lb. 10c;** bushel of 48 lbs. \$3.25.

RE-CLEANED CLOVERS

Clovers weigh 60 pounds per bushel

Alfalfa or Lucerne (*Medicago sativa*).

Northwestern-grown seed. Sow during April and May, August and September, 25 pounds per acre, preferably with no other crop.

Alfalfa, Grimm. An extremely hardy variety, less apt to winter-kill than older sorts. A heavy yielder and of deep-rooting habit. It requires about 15 to 20 pounds to properly seed an acre.

Alsike, or Swedish Clover (*Trifolium hybridum*). One of the hardiest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone.

Crimson Clover (*Trifolium incarnatum*). Used principally for soiling or green manuring. It is not hardy for more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds to the acre. **Lb. 25c.**

Mammoth, or Sapling Red Clover (*Trifolium pratense perenne*). This differs from the Medium, being of a ranker growth. Sow early in spring or in July and August using 6 pounds per acre.

Medium Red Clover (*Trifolium pratense*). Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August. 6 pounds per acre.

Lespedeza. Japan Clover. A substitute for alfalfa on poor land. Sow in spring, after frost, at the rate of 25 to 35 pounds per acre. Weighs 25 pounds per bushel. **Lb. 20c.**

White Blossom Sweet or Bokhara Clover (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows from 3 to 5 feet high and thrives on almost any kind of soil. Sow 15 pounds per acre during spring and fall.

White Dutch Clover (*Trifolium repens*). For Lawns and Pasture. Choice re-cleaned seed. Sow 5 lbs. per acre. **Oz. 10c; 35c per 1/4 lb.; 1/2 lb. 60c; \$1.10 per lb.; 5 lbs. \$5.25.**

COWPEAS

One of the best, largest-yielding, and moist nutritious of farm crops. They provide the most inexpensive method of bringing soil back to fertility, as they grow in the poorest kind of soil, leaving it rich in ammonia. Brown Whippoorwill or mixed, write for prices.

SOY BEANS

This valuable plant enriches the ground by the free nitrogen gathered from the air, which is deposited in the ground by the roots. Fodder is relished either green or dry by cattle.

Black Wilson. An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high quality hay.

Mammoth Yellow. Late. Heavy yielder.



BARLEY

Bearded Winter. Needs a rich land and lighter than that adapted to wheat. It should be cut before fully ripe, if for hay, as it is then of better quality, and less liable to shell. Sow 1 1/2 to 2 bushels if drilled; 2 to 2 1/2 bushels broadcast. **Bu. of 48 lbs. \$2.75.**

MILLET, GOLDEN

Can be sown as late as July 15th and yields a tremendous crop. **Lb. 15c; Pk., \$1.50; bu. \$5.25.**

OATS

Swedish Type White and Fulghum. Sow 1 1/2 to 2 1/2 bus. per acre. Price on application.

ORCHARD GRASS

(*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. **Lb. 50c; 10 lbs. \$4.50.**

RAPE

Dwarf Essex. This can be pastured 8 weeks after sowing. It must be sown in succession, as the stock eats it close to the ground and it will not stand pasturing any great length of time. Sow 6 pounds per acre broadcast, from April 1 to October 1. **Lb. 30c; 10 lbs. \$2.50**

Seed Rye and Wheat Prices on application.

SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Several cuttings can be made from a sowing in one season. Thrives well in a season of drought. 35 pounds per bushel. **Lb. 15c.**

VETCH, WINTER

Sand, Winter, or Hairy Vetch (*Vicia villosa*). Thrives on poor arid, sandy soils. It may be sown either in fall or in spring, mixed with rye, for a support. Grows 3 to 4 feet high and can be cut as soon as the bloom appears and again for the seed. Perfectly hardy. Sow 50 pounds to the acre. Price variable. **Lb. 25c.**

PERMANENT PASTURE MIXTURES

For Upland or Lowland

Please state whether you want a mixture for upland or low ground. Use 40 to 60 lbs. per acre. **Per lb. 35c; 25 lbs. \$8.50; 100 lbs. \$30.00.**

MISCELLANEOUS GRASSES

Blue Grass, Kentucky, Fancy Re-cleaned (*Poa pratensis*). Rated as one of the best permanent grasses, especially useful for lawns and meadows. **Lb. 50c; bu. (14 lbs.) \$6.50; 100 lbs. \$40.00.**

Creeping Bent Grass (*Agrostis stolonifera*). An excellent variety for lawns, succeeding well in moist situations and producing a dwarf, velvety growth. **Lb. \$1.00; 10 lbs. \$9.50.**

Fescue, Red or Creeping (*Festuca rubra*). An excellent bottom grass, forming a close and lasting turf. It resists extreme drought and thrives on very inferior soils. **Lb. \$1.00; 10 lbs. \$9.00.**

Red-Top, Fancy Re-cleaned. This grade of seed is entirely free from chaff. For pasture, sow 15 pounds; for lawns, 25 pounds per acre. **Lb. 35c; 10 lbs., \$3.25.**

Rye Grass, English Perennial. (*Lolium perenne*). A nutritious permanent grass for meadows and pastures, or for mixing with other grasses for lawns. **Lb. 35c; 10 lbs. \$3.25.**

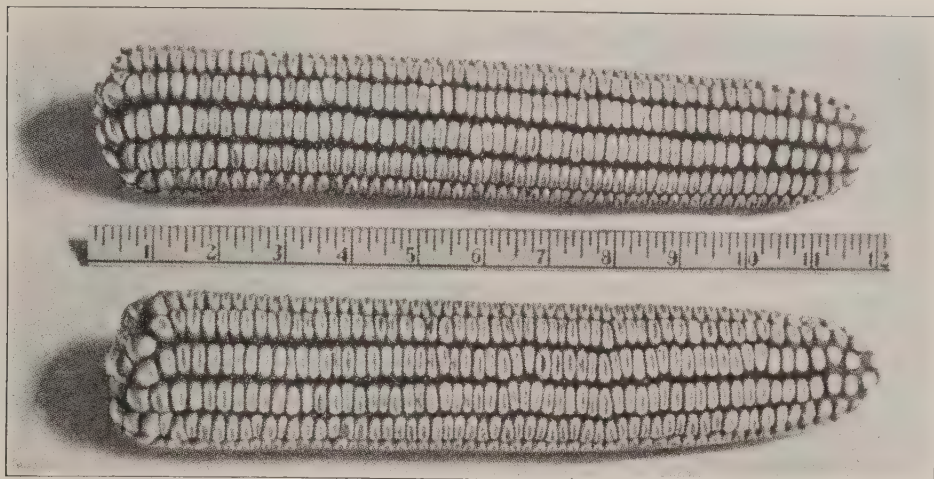
Rye Grass, Domestic. A valuable grass when quick results are required. **Lb. 25c; 10 lbs. \$2.25.**

Timothy (*Pbleum pratense*). A grass of high value for hay and pastures. **Lb. 20c; 10 lbs. \$1.50.**

Please Note—All Prices on This Page F.O.B. Baltimore and Subject to Change Without Notice

FIELD CORN

Richardson's
Griffith & Turner's
Wiseman-Downs'



56 lbs. to the bushel. One bushel plants 5 to 6 acres.

Our Field Corn is especially grown for seed purposes. It is all **hand selected, tipped, and butted**. We have exercised the greatest care in selecting strains for their high yields and adaptability to this climate and location.

OPEN POLLINATED SEED CORN

Boone County White. Matures in 125 days, roasting ears in 95 days; 9 feet tall.

Eureka Ensilage. 100 days. Eureka is more universally grown for ensilage than any other one variety. It is a double purpose corn, for, aside from being a first-class ensilage corn, as a field variety it ranks high in yield. **Pk. \$1.25; ½ bu. \$2.00; bu. \$3.75.**

White Ensilage. Our improved strain has larger ears, more grain, and yields 20 per cent more silage than ordinary Eureka. **Pk. \$1.25; ½ bu. \$2.00; bu. \$3.75.**

Improved Early Leaming. Matures in 110 days, roasting ears in 82 days; 8½ feet tall. The ears are yellow, 9 inches long, rough dent, 16 to 18 rows of deep grains, closely set on small red cob.

Lancaster Surecrop. Matures for silage in 90 days, for grain in 100 days. It makes the largest ear of any early Corn.

Reid's Yellow Dent. Matures in 119 days, roasting ears in 91 days; 8½ feet tall. The large, heavy-type ear, 10½ inches long, has 18 to 20 straight rows of deep yellow grains, closely wedged together on a medium-sized red cob.

All Open Pollinated Seed Corn, pk. \$1.50; ½ bu. \$2.50; bu. \$4.50 F.O.B. Baltimore, unless otherwise noted.

Add Postage on Field Corn

Sweet Potatoes

We can supply all the Leading Varieties in Season or from March 15 to April 15.

Sweet Potato Plants—
All Kinds

READY ABOUT MAY 1st

To prevent disease and to grow bumper crops of Potatoes, dip the tubers in "SEMESAN-BEL." One pound will treat 60 to 80 bushels.

For blight on potatoes use Bordeaux Mixture. For potato bugs, use Arsenate of Lead, Arsenate of Zinc or Paris Green.

STANLEY'S

Crow Repellent

—It protects your corn plantings by keeping off crows, larks, blackbirds and other corn-pulling birds, as well as moles, woodchucks, squirrels, etc. Does not clog the planter; protects the corn from rotting. Not poisonous and will not injure the seed. **By mail postpaid, ½ pint (enough for 1 bushel corn) 70c; pint \$1.15; quart \$2.00. Not postpaid, ½ pint 60c; pint \$1.00; quart \$1.75.**



HYBRID SEED CORNS

- 15% to 30% Higher Yield! Deeper Roots!
- Drought and Wind Resistant! Storm Resistant!
- Increased Stalk Strength! Greater Uniformity!

Hybrid Early Yellow Dent. (100 days). Grows tall. 2 medium sized ears, 14-16 rows of medium deep grain. Very good root system and strong stalk. Our best medium late hybrid for West Virginia, Eastern Pennsylvania, New Jersey and Maryland. The hybrid corn's resistance to wind storms is its outstanding quality.

U. S. 13, Yellow. (115 days). Large ears, high yield. Tall, strong stalks. Same adaptation as U. S. 44.

All Above Hybrid Field Corn, pk. \$2.50; ½ bu., \$5.00; bu. \$9.00, F.O.B. Baltimore.

BROOM CORN. Lb. 50c.

SEED POTATOES

Maine-Grown

CULTURE—Potatoes do particularly well on sod ground or pasture land, where the turf has been freshly turned. Tubers are usually cut into two-eyed pieces; plant in April in furrows of good depth about 3 feet apart. Scatter a liberal quantity of manure or fertilizer along the drill, and set the seed from 10 inches to a foot apart in the row. Cover with 4 inches of soil, and cultivate frequently after the plants are up. Plant late crop July 1st to August 1st. Eight to 10 bushels will plant an acre.

We can supply the two new varieties of Potatoes: Chip-pewa for early, and Katahdin for later. Both varieties have unusual merits, and were originated by U. S. Dept. of Agriculture. Write for prices.

We are not quoting prices in our catalog. When ready to plant, write us, and we will then quote you the very lowest prices consistent with the quality of our seed stock.

Early Rose. A popular early variety.

Dakota Red (Jersey Red). Equals McCormick in yield and keeping qualities, but for cooking far superior; dry and mealy. Skin is red; flesh pure white.

Green Mountain. A very popular main-crop Potato.

Irish Cobler. Round to oval with smooth skin and pure white flesh. Early and very popular.

Red Bliss Triumph (Improved Red Bermuda). One of the earliest varieties. Great productiveness, handsome color, and resistant to disease.

Inoculate all Legume Seeds with

NITRAGIN

1898—Forty Seven Years of Service—1945

When ordering, Always state name of seed

ALFALFA			SOYBEANS	
Swt. Bur	Hubam Clovers	Retail	Size	Retail
1 ½ bu. each	...	.50	Small, (Inoculates up to 120 lbs. seed)	\$.30
2 ½ bu. each	...	1.00	5 bu. each	.55
CLOVERS			25 bu. each	2.50
Medium & Mammoth Red, Alsike, Crimson & White Clovers			(One can)	
1 bu. each	...	.50	30 bu. each	3.25
2 ½ bu. each	...	1.00	(6-5 bu. cans)	
LESPEDEZA			BEANS—Navy, Pinto, Wax, String, Kidney and Great Northern	
100 lb. size (Inoculates up to 100 lbs.)	...	.50	1 bu. each	\$.35
PEAS (All Varieties)			PEANUTS, LIMA BEANS, COW PEAS	
VETCHES (All Varieties)			Small, (Inoculates up to 120 lbs. seed)	\$.30
100 lb. size (Inoculates up to 100 lbs.)	ea.	.50	5 bu. each	.55
1200 lb. size ea.	5.70		25 bu. each	2.50
(12-100 lb. cans)			(One can)	
LUPINES (All Varieties)			30 bu. each	3.25
100 lb. Size (Inoculates up to 100 lbs. seed)	ea.	\$.50	(6-5 bu. cans)	
GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans			Enough for 8 lbs. seed — Retail Price 10c each	

ALL PRICES F.O.B. BALTIMORE—SUBJECT TO CHANGE WITHOUT NOTICE

GRIFFITH & TURNER, 124 N. Paca St.—Saratoga 2300-2301

INSECTICIDES AND FUNGICIDES

Destroy POISON IVY With AMMATE WEED KILLER

2 lbs. diluted will treat approximately 200 sq. ft.

	Each
2-lb. Bottle	\$.75
10-lb. Drum	3.00
50-lb. Drum.....per 100 lbs.	24.00
350-lb. Drum.....per 100 lbs.	18.00

Ant Bait (Magi-Kil Jelly). Kills ants in the nest. Garden size, enough to kill several colonies of moderate size indoors or out, **35c.** Estate size, **85c.**

Arsenate of Lead. For use against insects that chew and for such insects as the fruit-flies that lap and suck up sweetened liquids. 1 to 1½ lbs. to 50 gallons of water. **1-lb. can 30c; 4-lb. pkg. 75c.** Write for prices in quantity.

Black-Leaf 40. Nicotine Sulphate—40 per cent Nicotine. It destroys soft-bodied sucking insects without injury to the foliage. 1 oz. makes 6 gals. of spray. **Oz. 35c; 5 ozs. \$1.00; 1b. \$2.50; 2 lbs. \$3.60; 5 lbs. \$6.70; 10 lbs. \$11.65.**

Bluestone (Copper Sulphate). **Lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25.**

Bordeaux Mixture. The standard remedy for fungous diseases. 1 lb. makes 8 gals. of spray. **Lb. can 30c; 4 lbs. 75c.** Write for prices in quantity.

Calcium Arsenate. A quick-acting, inexpensive poison for leaf-eating insects. **Lb. can 25c; 4 lbs. 70c.** Write for prices in quantity.

Ceresan (New Improved). Dust disinfectant to control certain diseases carried on grain seed and narcissus. **4 oz. 30c; 1b. 80c; 4 lbs. \$2.70; 8 lbs. \$5.40; 25 lbs. \$15.00; 100-lb. drum \$55.00.**

Corn Ear Worm Drops. Special liquid, with applicator, for controlling ear worm in corn. Applied by dropper (supplied) to tip of ear shortly after silk has turned brown. Assures clean, worm-free corn. **2-oz. bottle (with applicator) 35c.**

Crow Repellent (Stanley's). **Qt. can (treats 4 bu. shelled corn) \$1.75; pt. can (treats 2 bu. shelled corn) \$1.00; ½-pt. can (treats 1 bu. shelled corn) 60c.**

Cyanogas Ant Killer. 4-oz. spouted tin for treating ant nests in lawns and gardens. Enough to kill a million ants, **30c.**

Cyanogas (A-Dust). For killing the following pests: rats, field mice, moles, woodchucks, soil insects, etc. **1 lb. 75c; 5 lbs. \$3.00; 25-lb. pail \$10.00; 100-lb. drum \$25.00.**

Cyanogas (G-Fumigant). The positive fumigant for greenhouses, mushroom houses, warehouses, flour mills, etc. **5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00.**

Copper Lime Dust (20-60-20). Arsenate, Copper, Lime. **5-lb. pkg. 60c; 50-lb. bag \$3.75.**

Dandelion Killer. A drop of this concentrated liquid applied to the crown of dandelion or plantain—and similar weeds—in a lawn causes the weed to die, root and all. Apply from spout of can (when available) or by means of spouted oil can. Makes weeding of a lawn easy and assured. **Half pint 35c; qt. 50c; gal. \$1.50.**

"Dogzoff." It is an efficient animal repellent and one spraying will last from 3 to 4 weeks. Not offensive to humans. **3-oz. bottle 60c.**

Dog Skat Spray. Concentrated liquid to be sprayed on foliage, such as the base of shrubs, evergreens, etc. Dogs don't like it—and stay away. **3-oz. bottle 35c.**

Fish-Oil Soap. Good for scale, caterpillars, and lice. 3 ozs. make 1 gal. of spray. **Lb. 35c; 5 lbs. \$1.25.**

Formacide—Formaldehyde Dust. A disinfecting dust for sterilizing fungous spores in soil of seed flats—thus controlling damping off—and on certain seeds such as oats, wheat, barley, etc., to assure greater growth. Used on seed potatoes to give disease-free planting. **½ lb. 50c; 1 lb. 85c; 5 lbs. \$2.50; 25 lbs. \$10.00; 50 lbs. \$17.50; 100 lbs. \$30.00.**

Grafting Wax. **¼ lb. 25c; ½ lb. 35c; 1b. 60c.**

JAPIDEMIC

Milky Disease Spore Dust for Control of Japanese Beetle

Can be used any season of the year. Apply one level teaspoonful at five-foot intervals in rows 5 feet apart on top of the ground. One pound treats four thousand square feet; 10½ lbs. treats one acre. **Price, \$4.50 per lb., F.O.B. Baltimore.**

Lemon Oil Company's Standard Insecticide. **½ pt. makes 1 gal. of spray. ½ pt. 35c; Pt. 60c; Qt. \$1.00; Gal. \$3.00; 5 gals. \$12.00.**

Lime-Sulphur Solution. A dormant spray for San Jose scale. 1 gal. makes 10 gals. of spray. **Qt. 45c; gal. \$1.00; 5 gals. \$3.50.** Write for prices in drum lots.

Lime-Sulphur, Dry. 12 to 14 lbs. will make 50 gals. of spray. **1-lb. can 40c; 5-lb. can \$1.50; 12½-lb. bags \$2.00.** Write for prices in quantity.

Mologen. A non-poisonous material that will eliminate moles from your lawn in several days. **½ lb. 50c; 1½ lbs. \$1.25; 5 lbs. \$4.00.**

Nico-Fume Powder Pressure Fumigator. **½ lb. 45c; 1b. 75c.**

Para-Dichlorobenzene. **Lb. 40c; 5 lbs. \$1.50.**

Paris Green. **¼ lb. 20c; 1b. 60c; 5-lb. pkg. \$2.50.**

PESTEX

Pat. applied for

A POSITIVE REPELLENT OF RABBITS, MOLES, RODENTS, BIRDS, and other DESTRUCTIVE PESTS

RATS, MICE and BIRDS around warehouses, cellars, etc., are repelled by sprinkling PESTEX liberally around rodent burrows and other openings through which they might enter. It should be sprinkled also between sacks of stored seed.

DOGS and CATS lose their fondness for shrubs around which PESTEX has been sprinkled.

PESTEX is a powder which, scattered at given locations, will absolutely discourage rabbits, without hurting your plants or the soil to which it is applied. PESTEX remains effective until heavy rains wash out its powder. After that a fresh application should be made. **Lb. 50c; 10 lbs. \$4.00.**

Pomo-Green with Nicotine. A combination material which controls fungous diseases, and kills both leaf-eating insects and aphids. Leaf-green in color and never unsightly on plants. May be used for dusting or spraying. **Lb. 75c; 5-lb. \$3.00.**

Potato Mix. Special insecticide and fungicide combination prepared especially for treating potato plants. It gives adequate protection from both insects and fungous diseases on potatoes. Can be used either as a dust or as a spray. **1 lb. 40c; 5 lbs. \$1.10.**

Pyrox with Nicotine. Fungicide also kills sucking insects. **20-oz. jar 60c; 5 lbs. \$2.00; 25 lbs. \$6.50.**

RABBIT REPELLANT

1 lb. 45c; 5 lbs. \$1.75

RAT EXTERMINATORS

Mouse Seed. A very popular and effective exterminator for mice. **Pkg. 25c.**

Pastoxine. A product of Pasteur Laboratories. Non-poisonous to man, domestic animals, or poultry. Develops symptoms in rats and mice that bring them into the open to die. **Pkg. (enough to kill 100 rats) 60c; large size (will kill 2,000 rats) \$5.00.**

K-R-O for Rats. Ready mixed. A very good non-poisonous rat exterminator. **35c.**

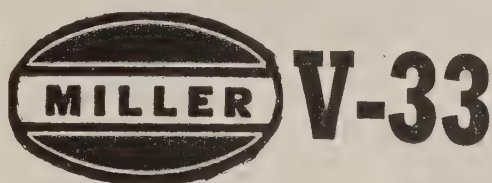
Red Arrow. Absolutely non-poisonous to children, poultry, or pets, but deadly to insects. **1-oz. bottle 35c; 4 ozs. \$1.00; 1-pt. can \$2.85; qt. \$5.00; gal. \$17.00.**

Rootone. Improves rooting of cuttings, seeds and bulbs, makes heavier grass turf, causes faster germination of seeds, increases plant growth and reduces wilt. **¼-oz. pkt. 25c; 2-oz. jar \$1.00; 1-lb. can \$5.00.**

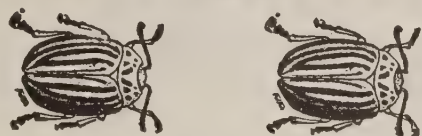
DX-Rotenone Liquid Spray. A powerful spray, especially effective for mosquitoes. **1½-oz. bottle 35c; ½ pt. \$1.25; qt. \$3.50; gal. \$9.50; 5 gals. \$39.75.**

INSECTICIDES AND FUNGICIDES--Continued

Richardson's
Griffith & Turner's
Wiseman-Downs'



ROTENONE DUST



KILLS GARDEN INSECTS

Aphis - Bean Beetle - Cabbage

Worm - Cucumber Beetle

and other pests

HARMLESS TO HUMANS

DOES NOT INJURE PLANTS

1-lb. pkg. 30c; 5-lb. pkg. \$1.00; 50-lb. pkg. \$7.00.

Semesan. For bulbs, roots, flower, and vegetable seeds. Disinfects seed against many diseases and helps prevent rotting and damping-off. Also effective in controlling brown patch. One oz. treats 15 lbs. of seed. 1/3 oz. 10c; 2 oz. 40c; 1 lb. \$2.50; 5 lbs. \$11.40; 25 lbs. \$52.50; 100-lb. drum \$198.00.

Semesan Bel. For seed potatoes. Controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. Increases standard yield. One lb. treats 60 to 80 bus. 2 ozs. 30c; 1 lb. \$1.65; 5 lbs. \$7.15; 25 lbs. \$33.25.

New Improved Semesan Jr. For seed corn. A protection against many seedborne infections, from rotting in the ground, and makes earlier planting possible. One lb. treats 8 bus. 1 1/4 ozs. 10c; 12 ozs. 56c; 6 1/4 lbs. \$3.75; 25 lbs. \$12.50.

Thiosan. Widely used for preventing and controlling brown-patch in lawns and golf greens. One pound treats from 3,000 to 6,000 square feet. 25 lbs. \$30.00; 100 lbs. \$115.00.

Slug Shot. Lb. 30c; 5 lbs. \$1.20.

Liquid Slug Shot. Rotenone base plant spray of high concentration. Used on both vegetable and flowering plants to control aphids and most all types of bothersome insects. Simply mix with water and spray. Non-poisonous when used as directed. 1 oz. 35c; 4 ozs. \$1.00; pt. \$2.60; qt. \$4.50; gal. \$14.50.

Scalecide. A spray for scale. Dilute 1 gallon to 15 gallons of water. Qt. 75c; gal. \$1.75; 5 gals. \$6.35; 15 gals. \$14.95; 30 gal. drum \$23.75; 50 gal. drum \$32.90.

Strawberry Dust. 85-15 Sulphur-Lead Dust. 50-lb. bags at 8c lb.

Sulfocide. A fungicide to control mildew, brown rot and other fungous diseases on fruits and vegetables. Pt. 60c; qt. \$1.00; gal. \$2.50.

Sulphur. (Powdered—325 mesh). Lb. 15c; 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.50; 100-lb. bag \$5.50.

Transplantone. Contains Vitamin B₁, plus plant hormones. Promotes quick, vigorous root growth. 1/2 oz. 25c; 3 ozs. \$1.00; lb. \$4.00. One ounce makes 10 gallons of Transplantone solution.

TREE TANGLEFOOT

For protecting trees against climbing insects in a simple, economical, and effective way. One pound will spread 8 feet long by 5 inches wide, 1/16 inch thick. Will stay on tree three months. 6-oz. can 45c; 1-lb. can 80c; 5-lb. can \$3.75.

Tree Wound Paint. A very adherent and lasting antiseptic dressing for sealing and waterproofing tree wounds. 1/2 pt. 50c; pt. 90c; qt. \$1.75; gal. \$4.50.

TRIOGEN

A triple-acting spray controlling black-spot, mildew, blight, sucking and chewing insects on roses. Remains as a protection on foliage for a long time.

Economy Kit. 90c.

Small Kit. (Sufficient for 25 roses for season.) \$1.50.

Medium Kit. (Sufficient for 75 roses for season.) \$4.00.

Large Kit. (Sufficient for 150 roses for season.) \$6.00.

Estate Kit. (Sufficient for 500 roses for season.) \$20.00.

TRI-GEN DUST

The famous three-way insecticide-fungicide sold for years is available in dust form for gardeners who prefer dusting to spraying. Kills sucking and chewing insects and control fungous diseases such as black spot and mildew. Especially recommended for use on roses and can be used on most vegetable and flowering plants. 1 lb. 65c; 5 lbs. \$3.00.

Volck, Nursery and Garden Spray. Effective and powerful for ornamental and flowering plants. Controls red spider, aphid, scale, mealy bug, thrips, caterpillars, etc. Odorless and colorless. Makes foliage glossy and glistening after using. 4 ozs. 25c; qt. 50c; gal. \$2.25; 5 gals. \$8.50; 54 gals. \$48.50.

ALL ITEMS THIS PAGE
F.O.B. BALTIMORE
PRICES SUBJECT TO CHANGE
WITHOUT NOTICE

WEED, DUST, AND ICE CONTROL

Calcium Chloride. Lays dust and controls weeds on roads, tennis-courts, etc. Also melts ice many times faster than salt. For dust, use 2 lbs. per sq. yd. 100 lbs. \$2.50. Write for prices in quantity.

Kill-Weed. For the destruction of grass, weeds, vines, bushes, poison ivy, etc., on roads and places vegetation is not desired. One gallon makes from 30 to 40 gallons mixed with water. Qt. 50c; gal. \$1.50; 5 gals. \$6.25. Write for prices on larger quantities.

Water Glass. For preserving eggs. Qt. 40c; gal. \$1.00.

JAPANESE BEETLE TRAPS

No. 4.....\$1.10 each

No. 1 Trap.....50c each

GRANULAR BEETLE BAIT

1 oz. 15c; 2 3/4 ozs. 25c.

1 ounce liquid bait with wick to be used in No. 4 trap. 70c.

The new 2-quart Perforated Cage for traps 1 and 4. 40c each.

ZOTOX

Not only kills the Crab Grass plants, but also destroys the germination of the seeds. 16-ounce size makes 10 gallon and treats 2,000 square feet.

8-oz. bottle\$1.00
16-oz. bottle 1.50
32-oz. bottle 2.50
5-lb. bottle 4.50

BORE-TOX

The Modern Liquid to Destroy
PEACH TREE BORERS

One gallon treats 40 to 50 full grown peach trees. Apply in early fall or late spring. 1 gal. \$1.50; 5 gal. can \$5.00; 30 and 50 gal. drums 75c per gal. plus \$3.00 deposit on drums.

WEEVILTOX

(Carbon Bisulphide)

Use to fumigate stored grain and seed, to destroy granary weevil, Bean weevil, augoumois grain moth and similar insects. 1 qt. can 60c; 1 gal. can \$1.75.

GARDEN SUPPLIES

Help YOUR FLOWERS HOLD UP THEIR HEADS
with **PATENTED METAL PLANT PROPS**

All heights shown are overall. Deduct 4" from 16" size and 6" from all other sizes for net height.

66" 42" 30" 16"

BAKED GREEN ENAMEL FINISH

Press the prop firmly in the ground alongside of the plant and push the plant gently through the opening at the top.

The four sizes will take care of practically all garden plants.

16 in. over all, doz.....	\$0.50
30 in. over all, doz.....	.85
42 in. over all, doz.....	1.20
66 in. over all, doz.....	1.50

BAMBOO PLANT STAKES

Light Plant Stakes. For greenhouse work and small outdoor plants.

	Doz.	100	1000
2 ft.	\$0.25	\$1.25	\$10.00
3 ft. ....	.35	2.00	15.00
4 ft. ....	.50	2.50	20.00

Heavy Bamboo Stakes, Natural Color. For Dahlias.

Height	Diam.	Doz.	100
5 ft.	3/4 in.	\$1.30	\$10.00
6 ft.	3/4 in.	1.65	12.00

GREEN PAINTED ROUND HEAVY WOODEN PLANT STAKES



	Each	Doz.	100
4 ft., Heavy or Dahlia.....	\$0.15	\$1.40	\$10.50
5 ft., Heavy or Dahlia.....	.20	2.00	13.00
6 ft., Heavy or Dahlia.....	.25	2.25	15.00

LIGHT PLANT STAKES (Wooden)

	Each	Doz.	100
2 ft., Light.....	\$0.04	\$0.40	\$ 2.80
3 ft., Light.....	.05	.50	4.00

B-B WATERPROOFED PLANT BOXES



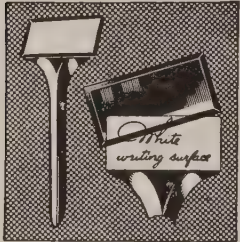
Strong waterproofed plant box contains 12 craft board pots, makes plant starting and growing easy and economical. Your plants can be transferred to the garden in B-B Craft Board Pots without disturbing the root growth and are thus protected against cut worms. Each 20c, 2 for 35c.

ALL SUNDRIES AND TOOLS F.O.B. BALTIMORE
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

A NEW WEATHERPROOF
Plant Marker

"IT WEARS A CAP"

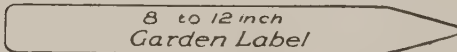
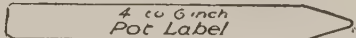
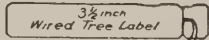
As beautiful as your flowers and we highly recommend this to our trade.



Made of durable metal; baked enamel, green finish. Write on top of stake and slip on plastic window cap. You have an enduring marker, with no fade-out of your writing. Stake is 7" tall, writing

surface 1 1/8"x2 1/2". Shipped Prepaid.
12 markers \$1.00; 25 markers \$2.00;
50 markers \$3.75; 100 markers \$7.00.

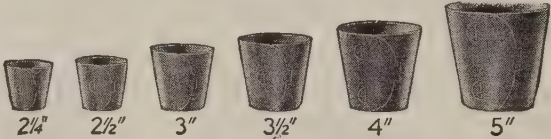
POT AND TREE LABELS



Width	100	1000	Wt. per 1000
4x 5/8 in.	\$0.30	(1 1/2 lb.)	\$2.20
5x 5/8 in. ....	.35	(1 1/2 lb.)	2.40
6x 5/8 in. ....	.40	(3/4 lb.)	2.70
10x 5/8 in. ....	.65	(3/4 lb.)	5.00
8x 7/8 in. ....	.75	(2 lbs.)	6.00
10x 7/8 in. ....	.90	(2 lbs.)	7.00
12x1 1/8 in.	1.25	(2 lbs.)	10.00

TREE LABELS (Painted)

3 1/2 in., painted, wired. Per 100, 35c; per 1000, \$2.50.



NEPONSET FLOWER POTS

Quantity per case	Wgt. lbs.	Doz.	100	1000
1000 2 in.		\$0.10	\$0.55	\$ 4.00
1000 2 1/4 in.		.10	.60	4.45
1000 2 1/2 in.	16	.10	.65	4.60
1000 3 in.	24	.15	.75	5.45
1000 3 1/2 in.	34	.20	.90	6.50
500 4 in.	23	.25	1.15	8.00
500 5 in.	37	.30	1.50	10.50
500 6 in.	51	.40	2.00	13.25



EARTHENWARE
FLOWER POTS AND
SAUCERS

Size	Each	Doz.	100	Saucers Each	Doz.
2 in.....	\$0.02	\$0.15	\$1.00		
2 1/2 in.....	.02	.20	1.45		
3 in.....	.03	.30	1.80		
4 in.....	.04	.40	2.70	\$0.04	\$0.40
5 in.....	.07	.70	5.10	.05	.50
6 in.....	.10	1.00	7.50	.06	.60
7 in.....	.15	1.50	11.85	.09	.90
8 in.....	.25	2.30		.10	1.00
9 in.....	.35	3.50		.15	1.50
10 in.....	.45	4.50		.22	2.25
12 in.....	1.00	10.25		.35	3.50
14 in.....	1.50			.45	
16 in.....	3.00			.85	

Bulb Pans and Azalea Pans. 4- to 12-in., same prices as above.

GARDEN SUPPLIES--Continued

CEDAR TREE OR PLANT TUBS

Standard color, deep green. Richmond style.



Size	Top Diam.	Each
Inches		
No. 1	6	\$0.70
No. 3	8	.80
No. 5	10	.95
No. 7	12	1.45
No. 9	14	2.10
No. 11	16	2.60



**THE "GLAMOUR"
NOZZLE**
Plastic 65c



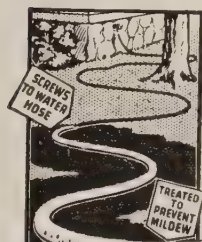
GARDEN HOSE

Special 1 ply— $\frac{5}{8}$ -in. corrugated:—

25-ft. Length, Coupled.....	\$2.50
50-ft. Length, Coupled.....	4.50

Like **ALL NIGHT RAIN**

IT REALLY SOAKS THE SOIL

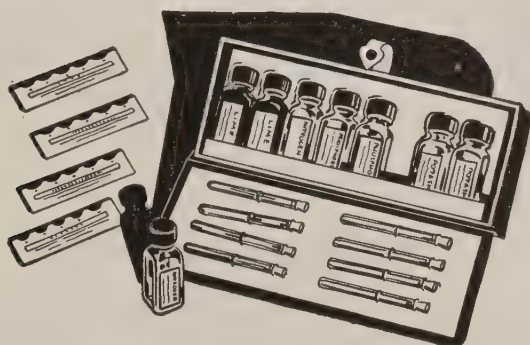


Water seeps through pores of canvas, giving gentle, steady flow throughout its length.

No. 1	18 ft.....	\$1.90
No. 2	30 ft.....	2.90
No. 3	50 ft.....	4.75

SOIL-SOAKER

THE SUDBURY SOIL-TEST KIT



New Acidity Soil Test Kit. "Two minute." \$1.00; post-paid \$1.10.

Model D. Complete with instructions and table of plant needs. \$2.00; postpaid \$2.10.

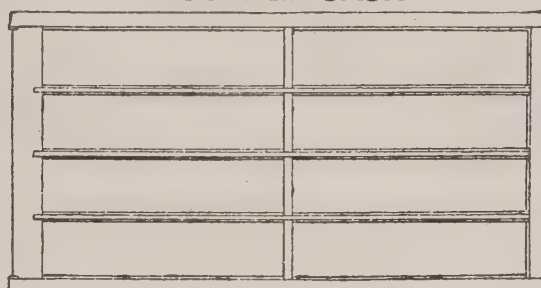
Junior Professional Model. \$4.75; postpaid \$4.85.

DeLuxe Model. \$22.50.

Testing Fluid for refill. Specify whether for nitrogen, phosphorus, potash, or acidity. 2 ozs. 75c; postpaid 85c. 6 ozs. \$1.50; postpaid \$1.60.

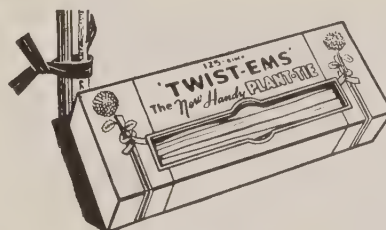
*Richardson's
Griffith & Turner's
Wiseman-Downs'*

HOT BED SASH



Made of the best white pine, well mortised and perfectly clear of knots. Holds 28—8x10 Glass. Price, Unglazed, \$2.75 each.

Hot Bed Glass, 8x10, per box of 90 panes, \$3.50.



'TWIST-EMS'

'Twist-Ems' are dark green, strong tape, with wire re-enforcements that make a perfect plant tie with a twist of the wrist. Bundle of 250, 7 inch, 50c.

Add 10c per package postage on out-of-town orders on 'Twist-Ems.'

SURE CROPS

**3 weeks
earlier
TO MARKET**

For earlier and more profitable crops, use Hotkaps. They also offer protection against insects.

Pkg. of 25—Complete with Paper Setter, 50c.

Pkg. of 100—Complete with Fiber-board Setter, \$1.95.

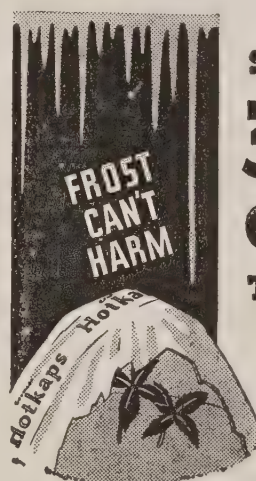
Pkg. of 250—Complete with Fiber-board Setter, \$3.50.

1,000 Hotkaps only, \$11.00.

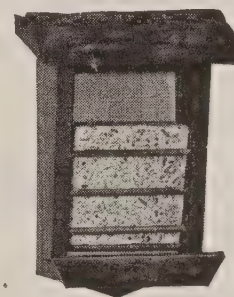
5,000 Hotkaps—per 1,000, \$10.75.

10,000 Hotkaps—per 1,000, \$10.50.

Fiberboard Setter Alone, 15c.



No. 105 Suet Rack



No. 101 Suet Rack

BIRD-HOUSE AND FEEDERS

No. 80 Robin Shelter.....	\$1.25
No. 59 Blue Bird House.....	1.50
No. 76 Wren House.....	1.25
No. 101 Suet Rack.....	1.00
No. 104 Seed Feeder.....	2.50
No. 105 Suet Rack.....	1.50
No. 114 Blue Bird House.....	1.00
No. 115 Wren House.....	1.00
No. 115-A Suet Rack with Cake.....	1.10
No. 124 Skylight Window Feeder.....	4.00
No. 215 Nesting Material and Rack.....	1.10
Wild Bird Feed at Market Prices.	

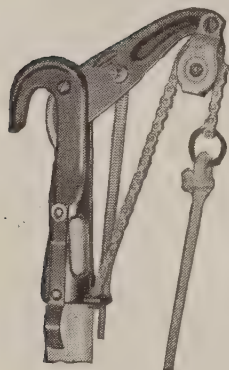
GARDEN SUPPLIES--Continued

LONG HANDLE TREE TRIMMER

Newman No. 900. Heavy Duty Trimmer, 1½ in. cutting capacity with 1½ in. pole and multiple pulley action. Furnished complete with two 5-ft. sections, ten feet overall. Net weight, 7¼ lbs. **\$12.50.**

No. 975. Additional Center Pole Sections, 1½ in., wt. 2¼ lbs. **\$2.50.**

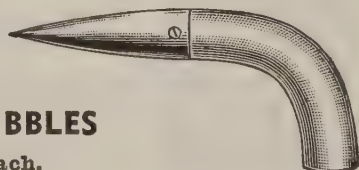
No. 1312. 12-ft. Trimmer, **\$3.00.** Extra 4-ft. sections, **60c**; Saw Blades **\$1.15**; For a longer or shorter Pruner, add or deduct **60c** for each 4-ft. section.



No. 1312 Tip Top IMPROVED TELEPHONE PRUNER

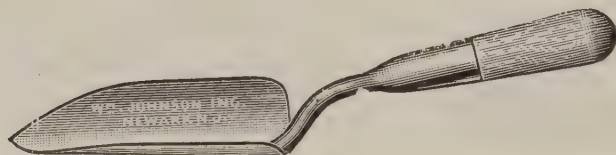
No. 11. Cuts 1 inch branches. Head only. Weight, 2 lbs. **\$2.40.**

No. 12. Cuts 1½ inch branches. Head only. Weight, 5 lbs. **\$5.50.**



WOOD HANDLE DIBBLES

No. 218. Iron point. **80c** each.



SOCKET GARDEN TROWEL (Forged Steel)

No. 205. This trowel is hammer forged—one piece—and has seamless socket. Full polished. Hardwood handle. 6-inch blade. 13½ in. over all. **\$1.00** each.

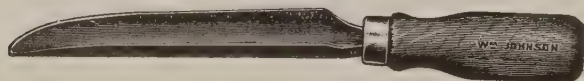
No. 211. Shank and heavy 6-inch forged steel blade, forged like mason's brick trowels, **80c.**



GARDEN TROWEL (Solid Steel)

No. 212. This trowel is made of one piece of heavy sheet steel. The shank is bent hollow to give strength. **35c** each.

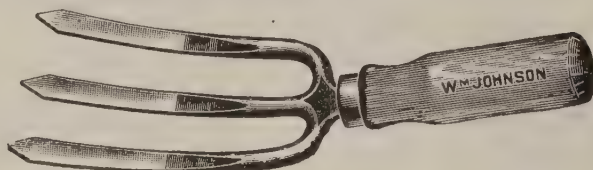
No. 215. Shank riveted on blade. **25c.**



TRANSPLANTING TROWEL

No. 217. Blade and shank are one piece of heavy sheet steel. 6 in. **20c** each.

All Prices F.O.B. BALTIMORE
Subject to Change Without Notice



SPADING FORK (Three-Tine)

No. 300. This fork is well made, the tines are polished about halfway and adjoining part enameled blue. Polished hardwood handle with brass ferrule. Length over all, 11 in. **50c** each.



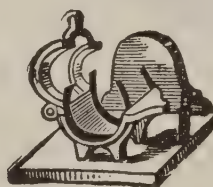
ASPARAGUS KNIVES OR WEEDERS

No. 2500. Heavy. **40c.**

Asparagus Tape. No. 17-677. Red. Spools of 1,000 yds. Weight 2 lbs. **\$2.50.**

Raffia. Lb. **50c**; 5 lbs. **45c** per lb.

ASPARAGUS BUNCHER



To sell asparagus to the best advantage, it must be packed right and unless you have a good buncher your bundles will not be uniform. This buncher is made of good material throughout, is adjustable for length and thickness, making a neat, compact, and uniform bundle. **Price \$4.00.**

MATTOCKS



Best Quality, without Handle, 5 and 6 lbs.....**\$1.50**
With Handle..... **1.95**

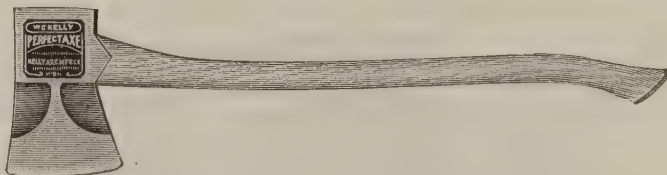
PICKS

No. 1 Gritco. 7 lb. best quality warranted steel Railroad Picks, without Handle.....**\$1.50**
With Handle..... **1.95**

PICK AND MATTOCK HANDLES

First quality Hickory Handles.....**45c**

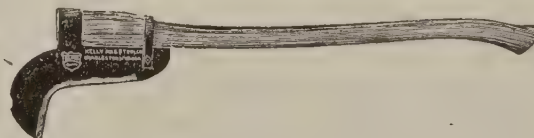
BEST QUALITY AXES



Best Quality Axes. Sizes 3½ and 4 lbs.....**\$2.50**
Handled complete with 34 inch best hickory handle.

AXE HANDLES

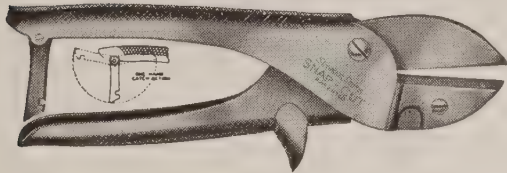
Extra selected second-growth all white hickory Axe Handles**40c**



BRUSH AND BRIAR HOOKS

No. 10. Axe Handle.....**\$2.25**

PRUNING SHEARS



Snap Cut Pruners. The Keen "V" shaped blade cuts onto a soft metal anvil with an easy slicing action that cuts through large, tough branches with surprising ease and smoothness. All parts easily replaceable at small cost.

No. 119—8 inches long.....\$2.25

No. 118—6 inches long, Ladies size..... 1.50



No. 122 "Clipper Pruner"—Featuring dual cutting action. Strong, durable, all steel construction. Cuts easily, closely and without injuring bark. Bright nickel knurled handles. Polished and tempered blades attached to handles by small bolts. Finger-tip catch. All parts easily replaceable. 8 inches long. \$1.25.



No. 151 Pruner. One-piece cutlery steel drop forging. Ground cutting head. Volute spring. Nut and bolt. Red enameled handles. Riveted steel catch. 9 inches long. \$1.00.

No. 16 POLE PRUNER



Saw Head Only. 16 in. \$2.50.

No. 808 "DRAW CUT" PRUNING SHEARS

New idea in pruning shear construction. **Will out-cut any pruning shear** of its size. Gives increased leverage. Open end handles, new style lock. Price \$2.50.



No. 124 "PROFESSIONAL" PRUNER

Surpasses imported models of this construction. Finest one-piece drop forged steel. Keen, powerful, positive slicing action. Honed edges. Adjustable nut lock and bolt support. Soft-acting volute spring. Non-pinching shaped handles. A pruner for the most experienced horticulturist. 8 inches long. \$3.00.

ALL PRICES SUBJECT TO
CHANGE WITHOUT NOTICE

PRUNING SAWS



This is the most practical pruning saw made. Owing to its peculiar shape, being tapered off to a point permits cutting in between the limbs. The blade is adjustable and will cut at any angle desired and can be removed to replace a new one. Made of the best quality steel.

No. 11. 14 in. \$2.50. Extra Blades 35c, by Parcel Post 45c.

DOUBLE EDGE PRUNING SAW



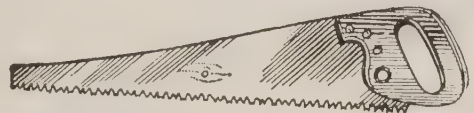
Made of the very best material. One side has fine teeth and the opposite has coarse teeth.

No. 3. 18 inch. \$1.50.

No. 20 PRUNING SAW

14 inch Blade, Pistol Grip. Draw Stroke. \$1.40.

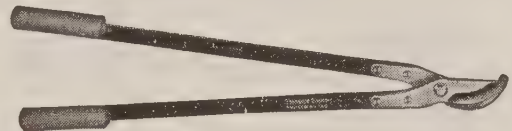
No. 41 PRUNING SAW



26 inch. Six point hand saw tooth with wide set bevel, filed. \$3.50.

LOPPING SHEARS

P. P. Weight, 6 lbs.



No. 528. "Professional" Lopping Shears. New improved lightweight balanced tool for orchard and general service. Dual cutting action for close, clean, quick-healing cuts. Branches and twigs—even frozen wood—will not slip from its blades. Blade efficient to extreme tip. Tempered alloy steel forging. Shaft runs through shaped hardwood handle and is riveted at end. Cuts 1½-inch limbs. 28 inches overall. \$4.00.

No. 149HH. "SNAP-CUT" Pattern. The highly efficient direct-cut, blade-and-anvil cutting principle applied to a lopping shear. Electric welded, tempered tool steel cutting parts. Green painted 20-inch ash handles securely pinned on. Narrow cutting head facilitates close work. Light weight, powerful—easy to use. Cuts up to 1¼-inch limbs with 22-inch handles and 27 inches overall length. \$3.50.



No. 45S. Improved "Rockdale" Pruner. For orchard and vineyard. Tempered, polished and ground steel forgings. Shaped ash handles with long strap. Two-color enameled ferrules. Cuts 1½-inch limbs. 22-inch handles. 26¾ inches over all. \$2.75.

GARDEN HOES



- No. 906½. Socket. 6½ inch blade. 75c.
No. OG6½. Shank. Polished blade, 6½ inches. 90c.
No. AG6½. Shank. 6½ inch blade. \$1.10.
No. SG6½. Socket. Polished blade, 6½ inches. \$1.25.
No. 2PWL. 2 point hoe. \$1.00.

TURF EDGERS



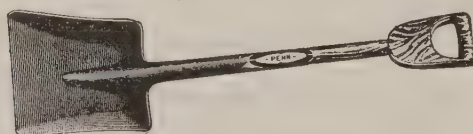
- No. S. T. E.—Polished steel blade. Solid shank. 4-foot handle. Bronze finish. Price \$1.00.

LONG HANDLE SHOVELS



- Razorback. High-Carbon Round Point.....\$1.50
No. N103 1.75
No. 2—Pony or Ladies..... 1.75
No. A103..... 2.10
No. N333—All Purpose, Long Handle, Square Point. 1.50

D-HANDLE SHOVELS



- No. N102—D-Handle Round Point Shovel.....\$1.75
Ames No. 4—D-Handle Square Point Shovel..... 2.00
No. N100—Size 2..... 1.75

LONG AND SHORT HANDLE SPADES



- No. N124—D-Handle.....\$1.75
No. A124—D-Handle 2.25
No. 2—Long Handle..... 1.75

SCOOPS



- No. N308—Size 4, D-Handle.....\$1.75
No. N308—Size 6, D-Handle..... 1.90
No. N312—Size 8, D-Handle..... 2.00

The Best In Tools

STANDARD EARTH AUGERS

- No. 5—Bores holes to 8 in. in diam., 3½ ft. deep. \$5.50 each.
No. 8—Bores holes, 8 to 14 in. in diam., 3½ ft. deep. \$6.50 each.



WIRE FRUIT PICKER

Well made and durable. Fruit can be picked without bruising. Made of No. 12 copperized wire. Will not rust. Price less pole 75c, by Parcel Post 85c.

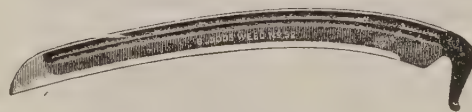


GRASS HOOKS



- No. 2—Riveted Back.....\$.75
No. 3—Riveted Back..... .85
No. 4—Riveted Back..... 1.00
No. 7—American60

GRASS AND BUSH SCYTHES



- 30 in. to 34 in. Grass—Swedonian.....\$1.65
26 in. to 28 in. Weed—Swedonian..... 1.75
18 in. to 22 in. Bush—Swedonian..... 1.75

SCYTHE SNATHS



- No. 50-1BS—Patent Loop Grass Snath.....\$1.85
No. 300—Patent Loop Bush Snath..... 2.10

SCYTHE STONES



- No. TD2—Flat.....\$.20
No. TJ2—Oval..... .25
No. TN16—Darby25
No. JA2—Utility Wood Handle..... 1.00

STABLE OR PUSH BROOMS



These brooms are of the highest quality. Made with heavy blocks. No. 286 D, genuine African grass, 4 rows \$1.50; handles 25c.

- No. 200—All-Corn Heavy Warehouse Broom. \$1.00.
No. 211—Corn and Bamboo Broom. \$1.00.

Good Tools Make Gardening A Pleasure

Richardson's
Griffith & Turner's
Wiseman-Downs'

PETER PULVERIZER

America's sensational adjustable garden cultivator. 5 teeth, adjustable to various width rows. An efficient, easy-to-operate and time-saving tool for pulverizing clods, breaking caked earth, weeding, raking and cultivating varying widths of garden rows.

Notched groove, locks cultivator at various widths.

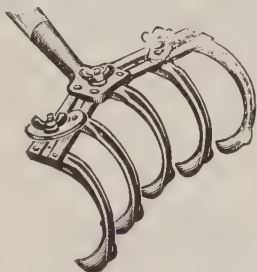
Channelled 9 inch tine for lightness, great strength.

Plow-shaped point for thorough cultivating.

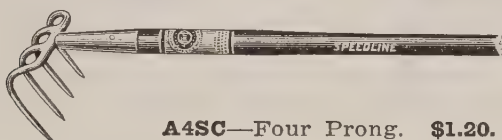
Strong handle ferrule with removable middle tooth.

Wide wing nut for quick spacing adjustment.

Hardwood handle (waxed and polished) of 4 foot lengths. **\$2.00.**



SPEEDY CULTIVATOR



A4SC—Four Prong. \$1.20.

No. 1605



SEVEN-TOOLS-IN-ONE

No. 1605 GARDEX Interchangeable Garden Cultivator. The position and construction of the tines cause them to penetrate any soil easily, and they loosen and aerate the ground thoroughly with an easy pulling motion. It's a favorite tool.

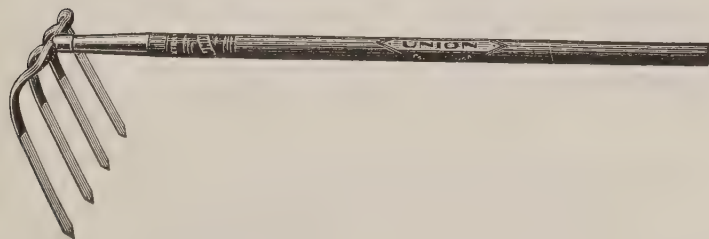
No. 1605—5 prongs adjustable width $\frac{3}{4}$ inch to 7 inches. With 5 ft. normal length handle.....**\$1.50**

No. 1523 GARDEX Cultivator with Weeder. Cultivate and weed with one tool. The 3-prong cultivator loosens the soil thoroughly while the weeding blade cuts off all weeds quickly. Painted red, 3 prongs $4\frac{1}{3}$ inches wide, weeding blade 4 inches wide, with 4 ft. handle.....**\$1.25**



No. 1523

POTATO HOOKS



No.	Description	Price
4BOL	Light—Four $6\frac{1}{2}$ in. Tines—Width 6 in.....	\$1.25
A-4-BOL	Four $6\frac{3}{4}$ in. Tines—Width $6\frac{1}{4}$ in.....	1.45
4BOH	Heavy—Four 9 in. Tines—Width $7\frac{1}{2}$ in.....	1.50
A-4-BOH	Four $7\frac{1}{2}$ in. Tines—Width $7\frac{1}{2}$ in.....	1.75

SPADING FORKS



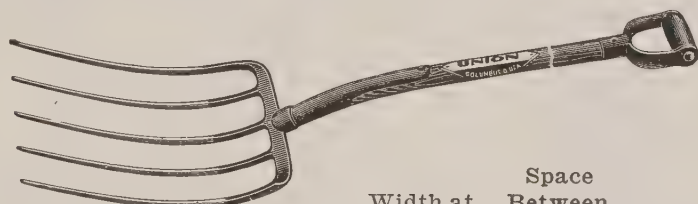
No.	Tines	Ferrule	Handle	Price
OOLD & SALLD	Light 4	Strap	30 in. Bent	\$1.50
OOLD	Heavy 4	Strap	30 in. Bent	2.00
ATJD & SAHD	Extra Heavy		30 in. Bent	2.25

MANURE FORKS—LIGHT



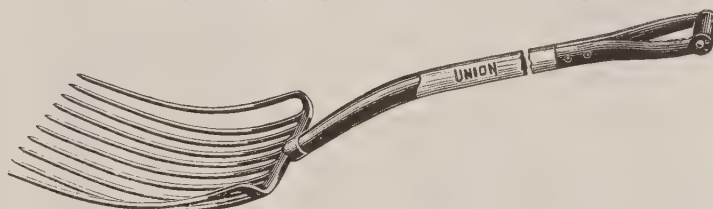
No.	Tines	Armorlock Ferrule	Handle	Price
RHA44	4-12 $\frac{1}{2}$ in.	"	4 ft.	\$1.50
RHA44 $\frac{1}{2}$ and OMT44 $\frac{1}{2}$	4-12 $\frac{1}{2}$ in.	"	$4\frac{1}{2}$ ft.	1.60
RHA54	5-12 $\frac{1}{2}$ in.	"	4 ft.	1.60
RHA54 $\frac{1}{2}$	5-12 $\frac{1}{2}$ in.	"	$4\frac{1}{2}$ ft.	1.70

MANURE FORKS—HEAVY



No.	Tines	Ferrules	Width at Center	Space Between Tines	Price
HOM4	4-15 in.	Strap	10 $\frac{3}{4}$ in.	$3\frac{3}{4}$ in.	\$3.00
EHDMS	5-16 in.	Strap	11 $\frac{1}{2}$ in.	$2\frac{1}{4}$ in.	3.75
OMT5D					2.00

ENSILAGE OR BARN FORKS



No.	Tines	Ferrules	Width at Center	Space Between Tines	Price
E8B	8-16 in.	Strap	12 $\frac{3}{4}$ in.	1 $\frac{1}{2}$ in.	\$3.25
E10B	10-16 in.	Strap	15 in.	1 $\frac{1}{2}$ in.	3.50

THREE TINE HAY FORKS



No.	Tines	Ferrule	Handle	Price
YAB34 $\frac{1}{2}$	3-12 in.	Strap	$4\frac{1}{2}$ ft.	\$1.75
RHSB35 $\frac{1}{2}$	3-12 in.	Strap	$5\frac{1}{2}$ ft.	1.30
RHA36	3-12 in.	Strap	6 ft.	1.50

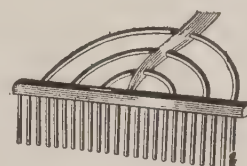
STEEL GARDEN RAKES



No.	Description	Price
O14C	14-3 $\frac{1}{4}$ in. Curved Teeth—Width 14 $\frac{3}{4}$ in.....	\$1.00
SC14	14-3 $\frac{1}{4}$ in. Curved Teeth—Width 14 $\frac{3}{4}$ in.....	1.25
A14C	14-3 $\frac{1}{4}$ in. Curved Teeth—Width 14 $\frac{3}{4}$ in.....	1.40
RHLSC	14-2 $\frac{3}{4}$ in. Straight Teeth—Width 13 $\frac{3}{8}$ in...	.75

WOOD RAKE

24-Tooth—3 Wooden Bows. 85c.
Extra Teeth 3 cts. each.



SPRAYING EQUIPMENT

THE MYERS COMPRESSED AIR SPRAYER

Will spray all kinds of Liquid Insecticides and Fungicides. Not recommended for white-washing or painting.

- No. 2240—Galv. Tank, 2½ gallons capacity\$6.50
No. 2242 — Galv. tank, 4 gallons capacity\$7.25



SMITH BANNER SPRAYER

Tank. Capacity, full 4 gallons. Heavy galvanized steel or solid copper, as ordered. Funnel top.

- No. 22 G. O. Banner Galvanized tank. \$7.20.
No. 24 G. O. Lightning Galvanized Tank. 3½ gallons. \$5.75.



HUDSON PERFECTION

Full 4-gal. Capacity.

Tank is 7½ by 21 inches. Seams riveted and heavily soldered. Pump of seamless brass tubing. Equipped with 27 inches of discharge hose and 24-inch brass extension rod and adjustable nozzle.

- No. 210G. Galvanized tank. \$7.25.



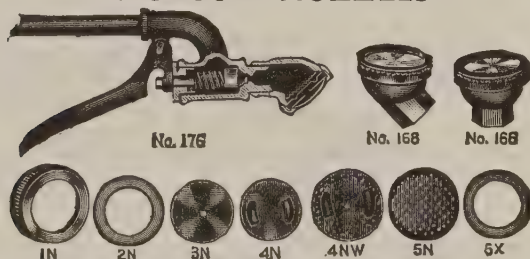
HUDSON CLIMAX

Compressed-air tank Sprayer. Fitted with our Nu-eez funnel top feature.

Pump of seamless brass tubing, 1¼x14 inches. Equipped with 22 inches of discharge hose, 18-inch curved brass extension rod, and brass disc-type adjustable nozzle. (Weight, about 8 lbs.) 3¾ gallon capacity.

- No. 235G. Galvanized tank. \$6.00.

HUDSON NOZZLES

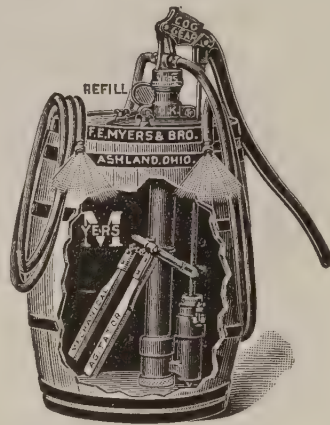


- No. 176—Perfection Shut-off. \$1.50 each.
No. 168—Fog Nozzle. 60c each.
No. 166—Fog Nozzle. 60c each.
No. 1N—Fog Nozzle Cap. 25c each.
No. 2N—Fog Nozzle Washer. 30c doz.
No. 3NC—Outside Disc, Reg. 60c doz.
No. 3NF—Outside Disc, Fine. 60c doz.
No. 4N—Inside Disc, Reg. 60c doz.
No. 4NW—Inside Disc, for Whitewash. 60c doz.
No. 5N—Screen. 60c doz.
No. 5X—Leather Gasket for Packing Nut. 5c each.
Shut-off Valve Pin. 25c.
Shut-off Valve Spring. 25c.

MYERS O. K. COG GEAR SPRAY PUMP

R308B — Recommended for spraying or white-washing. For hot, or cold or any kind of mixture. Can be fitted for one or two leads of hose. Price with one lead of 15-foot hose and nozzle, less the barrel. \$28.50.

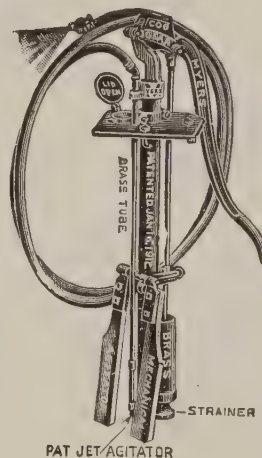
Pipe extension with lever shut-off. \$2.15.



No. R-318-B MYERS SPRAY PUMP

Will handle any caustic mixture. The cylinder and discharge pipe are all brass. The air chamber is 32 inches in length, enabling the pump to throw a uniform, constant and elastic spray.

Price with one lead of 15-foot hose and nozzle, less the barrel\$17.00
Pipe extension with lever shut-off\$2.15



LEVER BUCKET SPRAY PUMPS

No. R324 represents the Myers Lever Bucket Spray Pump, made of brass and fitted with brass valves and patented agitator.

Price, plain.....\$7.25
Add for 8 foot extension rod....\$1.10

HUDSON MORO BUCKET PUMP

No. 126A—\$8.75



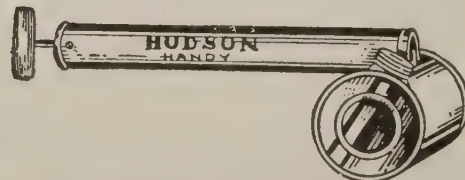
HARCO SPRAYER

Solves every spray problem!

Here's the efficient, easy-to-use sprayer you want at the down-to-earth price you want to pay! Sprays up, down, sideways without adjustment. No leaks or drips to wet hands or stain clothing.

Order yours today.....\$2.35

HAND SPRAYERS



Hudson Handy Sprayer. For the yard, garden, poultry-house, etc. Pump is heavy tin, 1½ inches in diameter, 14 inches long. Tank is heavy tin, lock-seamed and leak-proof.

No. 440—1-quart. 35c each.

Hudson Continuous Sprayer. For use with all solutions that are sediment-free. Pump, 1½ inches in diameter, 14 inches long. Fitted with brass siphon tube and nozzle. Adjustable.

No. 432—1-quart. 80c each.

No. 3G—Smith—1 quart galvanized hand sprayer. 70c ea.

No. 10G—Smith—1-quart continuous galvanized hand sprayer. \$1.00 each.

SPRAYING EQUIPMENT - - Continued

SMITH FLAME-GUN

Destroys Weeds and Brush Easily and Quickly—Very Economical to Use—Saves Time, Money, and Labor. Burns Kerosene, Range Oil, Stove Oil or Light Furnace Oil—Patented Flat Flame of 2000 Degrees F.

Light, Compact, Portable—Weights Only 17 Pounds

The **Smith Flame-Gun** consists of a 4-gallon heavy all-welded (not riveted or soldered) corrugated Fuel and Air Tank, tested to 100 lbs., made of galvanized steel, equipped with a 2-inch diameter brass air pump, conveniently removed from tank for filling tank with fuel. Flat Flame Burner. Overall length of burner, including control valve, 38½ inches. Average oil consumption, 1 gallon per hour.

Thawing Frozen Pipes

For thawing out frozen pipes, for quick relief from ice, snow, frost, and sleet. It is indispensable on any cold weather job.

Weed Burning, Rubbish, Etc.

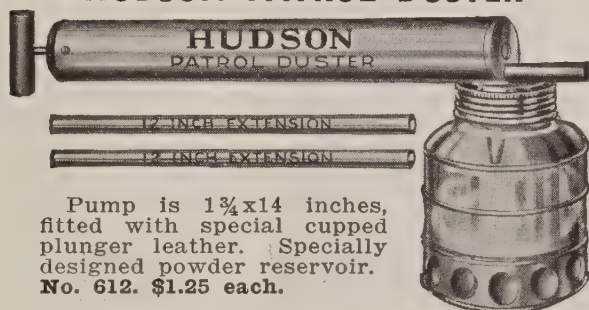
The intense heat of 2000 degrees F. flame temperature can be utilized to burn weeds, moist trash and damp accumulations, and there is no possibility of spreading a fire. This new practice carries with it many advantages, as the weeds may be destroyed while still green, the seeds are killed before ripening. It effectively destroys any weeds, seeds, brush, poison ivy, etc. **Price \$22.50.**

DUSTMASTER DUSTER



Dustmaster
Duster \$1.25

HUDSON PATROL DUSTER



Pump is 1¼x14 inches, fitted with special cupped plunger leather. Specially designed powder reservoir. No. 612. \$1.25 each.

MYER'S PERFECT-FOG SPRAY GUNS

- No. 36—Triple Spray Gun with hose swivel (as shown) \$10.25
- No. 32A—Two Nozzle Spray Gun with hose swivel.. 9.00
- No. 13—Myers Spray Gun with hose swivel..... 8.00
- No. 401S—Myers Silver Spray Gun with hose swivel 17.00



MESSINGER HAND DUSTER



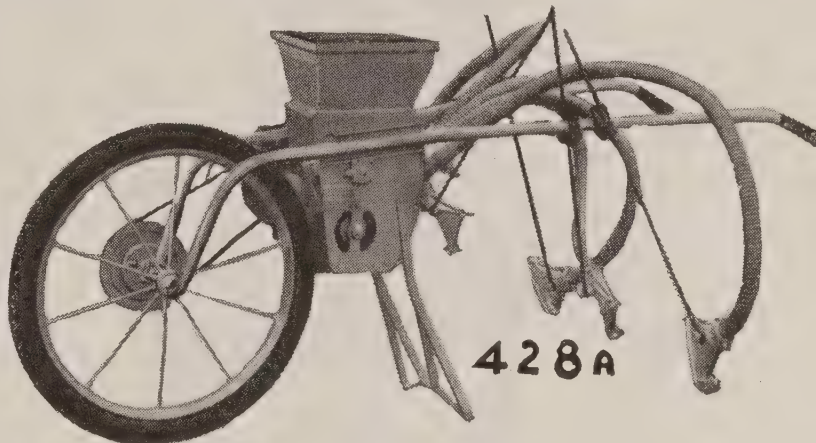
Made of heavy gauge copper bearing sheet steel and will resist rust and corrosion. The fan and feeder are made of aluminum. Has an adjustable feed gauge to control the amount of dust. Can be used as single or double row duster.

No. H2—Double Duster
\$20.00

Spray Hose, 50 ft. lengths, ½ in. Meyers High Pressure, fitted with couplings.....\$17.25

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

HT and H24 TRACTION WHEELBARROW DUSTERS



Cut 428A shows HT2 two row Duster with one nozzle to the row. Also furnished HT4, two row, two nozzles per row.

The nozzles are adjustable for low, medium and high crops.

The power to operate Duster Blower Unit is transmitted from the wheel through a ratchet pulley via a "V" belt to a "V" pulley on shaft in a grease tight gear case mounted on side of Duster Blower Unit.

Duster shown in Cut 428A is equipped with a pneumatic tired wheel.

Two Row, One Nozzle to the Row

HT2—Pneumatic Tire, Whirlpool Nozzle..... \$47.50

MODEL "S" DUSTERS



No. SH-2—Texas Junior, two row, 1 nozzle per row, 1 horse, traction driven Duster. Also furnished 2 nozzles per row as No. SH-4.

Here is a duster that every tobacco grower should have; for dusting Paris Green, Arsenate Lead or any other powdered insecticide on plants for the extermination of tobacco worms. This is a traction duster and can be equipped with two or four nozzles, for dusting high or low plants. The duster is made of heavy gauge copper bearing sheet steel. Copper bearing steel is used for rust and corrosion resistance. The fan and feeder are made of cast aluminum. The hopper has a capacity of about 30 pounds of dust. The duster is equipped with ball and roller bearings and alemite lubricating system. No. SH-2V....Price \$72.00 No. SH-4V....Price \$88.00 SH2WP—2 Row, 1 Whirlpool Nozzle. Per Row \$88.00

ALL PRICES SUBJECT TO CHANGE

SPRAYING EQUIPMENT - - Continued

DOBBINS EVEREADY POWER SPRAYER

The model 3240—pictured at left—is the latest addition to the famous line of Dobbins SUPERBUILT Power Sprayers.

Specifications

DISCHARGE—1½ gallons per minute at 250 lbs. maximum pressure.

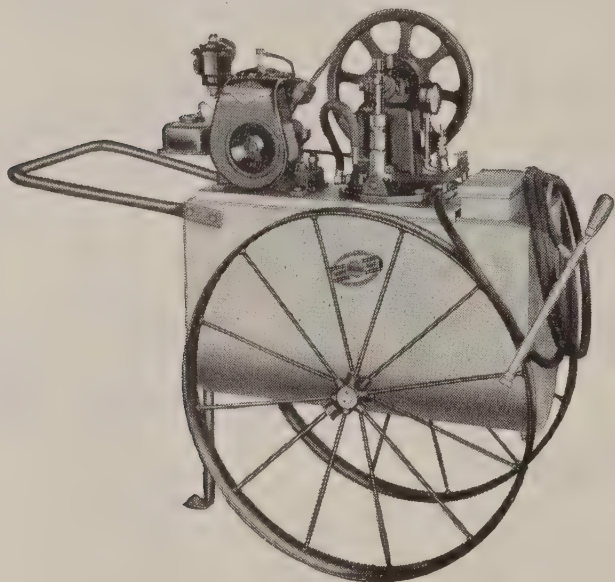
ENGINE—½ HP Briggs & Stratton or 1/3 HP electric motor as ordered.

TANK—25 gallon capacity. Heavy steel, securely welded. Rust-proofed. Large filler opening and removable strainer.

PUMP—Brass with hardened stainless steel valves and valve seats. Stainless steel piston, large air chamber, adjustable relief valve and pressure gauge.

DISCHARGE EQUIPMENT—12½ ft. of ¾" high pressure hose with variable spray gun.

No. 3240—Engine Driven, Steel Wheels.....\$128.25



MYERS HANDY PORTABLE SPRAYER

No. R336½B

This is the Handy Sprayer for Spraying Tobacco Beds against Blue Mold, Blight, etc. Also extensively used for White Washing and around Orchards, Greenhouses or wherever Spraying is necessary. The Pump is similar to our No. R-318-B fitted with Cog Gear Handle and Dasher Agitator.

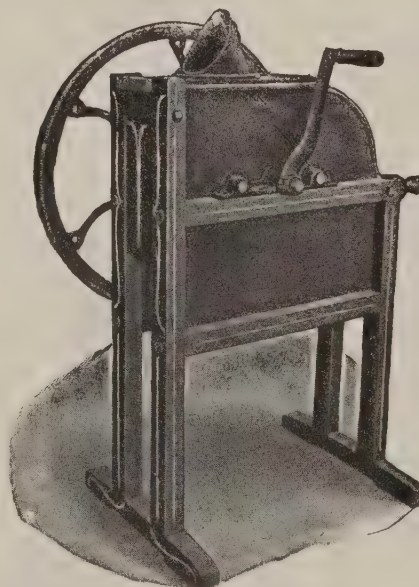
Equipped complete as shown in illustration, with 15 feet ½-in. 5-ply discharge hose, 8 foot extension rod and Vermorel nozzle.

Price \$28.00



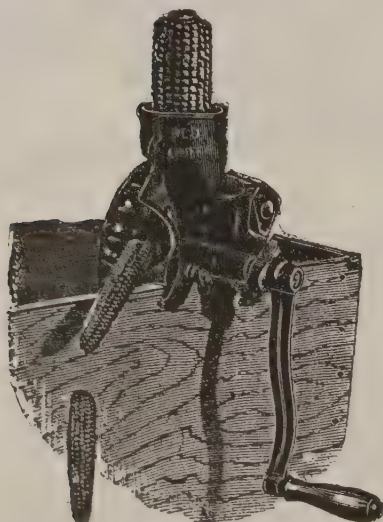
"BUCH'S No. 3" SINGLE SPOUT CORN SHELLER

This very popular Sheller is well made, light running, and will give good service. It has large balance wheel, with heavy rim and wrought-iron spokes. The journal boxes are engine bored and bolted to hardwood frames. Handsomely finished. Separates corn from cob. With sieve. \$18.00.



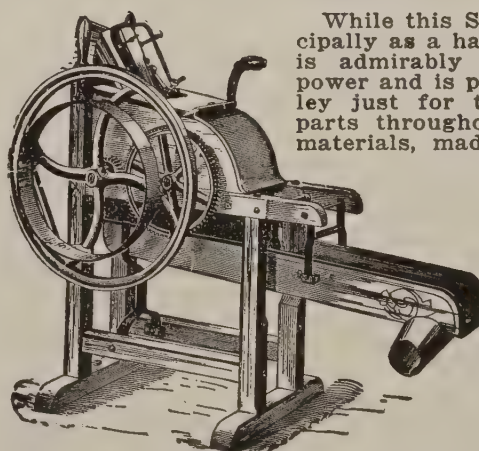
"RED CHIEF" CORN SHELLER

This is undoubtedly the best Sheller of its class. It has a suitable device for adjusting it to take either large or small ears, and do good work with either. It readily attaches to barrel or box, and is just the thing for persons who have but a small quantity of corn to shell.



"BUCH'S No. 7" DOUBLE SPOUT CORN SHELLER

While this Sheller is used principally as a hand machine, still it is admirably adapted for light power and is provided with a pulley just for that purpose. The parts throughout are of selected materials, made extra heavy and very strong. Well put together and nicely finished. Cold rolled steel shafts and steel shaker pitman. Journal boxes are made in two parts and can be adjusted to take up wear. Capacity 500 to 600 bushels per day. Price, with shaker\$40.00



ALL PRICES SUBJECT TO CHANGE

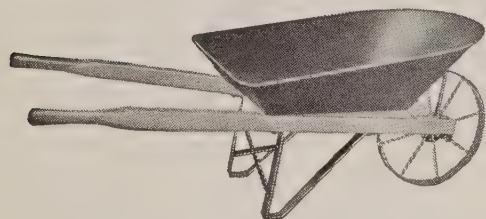
It Pays to Buy Best Quality

DRAG SCRAPERS

Made of heavy steel plates and are cut from a single sheet pressed cold, lapped and riveted at the corners.

No.	Capacity	Length	Width	Depth	Weight	Price
3	3 cu. ft.	29 in.	27½ in.	18½ in.	65 lbs.	\$9.75
2	5 cu. ft.	31 in.	28 in.	10½ in.	75 lbs.	10.50
1	7 cu. ft.	32½ in.	31 in.	11½ in.	83 lbs.	10.75

STEEL TRAY, WOOD FRAME BARROWS



Pressed trays with reinforced edges. Handles are made of hard wood smoothly finished on all sides.

No. 154—Round front—4 cu. ft. capacity. **\$9.50**

No. 174—Square front—4 cu. ft. capacity.....**\$9.00**

No. K5X—Square front—4 cu. ft. capacity..... **8.50**

GARDEN AND FARM BARROWS

Made of seasoned hard wood. Removable sides. Wood or steel wheel. Attractively painted. Strong. Neat and durable.

No. 1—Size of body 30 inches long, 24 inches wide in front, 25 inches in back.**\$10.00**

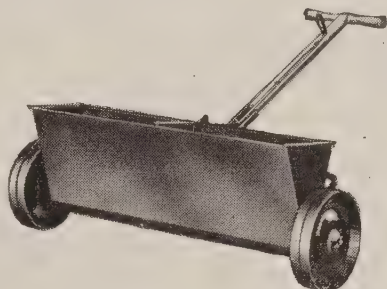
No. 2—Size of body 28 inches long, 20 inches wide in front, 24 inches in back.**\$9.00**

No. 3—Size of body 26 inches long, 19 inches wide in front, 22 inches in back.**\$8.50**

No. 6-B—Size of body 26 inches long, 18 inches wide in front, 24 inches in back.

MASTERS FERTILIZER DISTRIBUTORS AND GRASS SEEDERS

For uniformly spreading any dry pulverized commercial fertilizer, lime, ashes, bone meal or grass seed. The feed is adjustable at will by means of a convenient rod on the handle and can be shut off entirely when crossing walks and driveways. Can also be used for spreading salt, sand or ashes on icy walks.



No. M180—Spreading width 18 in.—holds 40 lbs...**\$12.00**

No. M240—Spreading width 24 in.—holds 75 lbs... **15.00**

No. M361—Spreading width 36 in.—holds 115 lbs... **23.50**

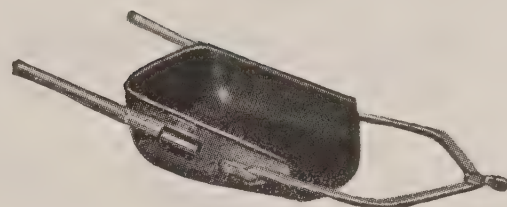
THOMPSON'S FERTILIZER DISTRIBUTORS AND GRASS SEEDERS

No. 15—Spreading width 14 in.—holds 15 lbs.....**\$3.95**

No. 115—Spreading width 16 in.—holds 30 lbs..... **8.95**



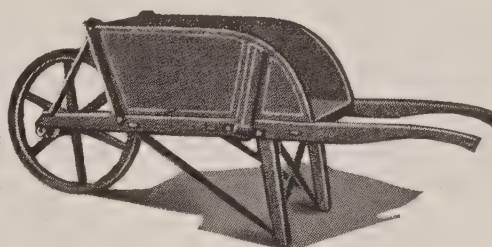
*Richardson's
Griffith & Turner's
Wiseman-Downs'*



METAL BARROWS

All steel trays pressed from heavy gauge sheet steel with wired edges. Tubular frame.

No. T-B, capacity 6 cubic feet heaped. **\$12.00**



SPLIT BAMBOO AND OAK BASKETS

Iron-bound, Rope Handles

1 bu.....	\$1.75	2 bu.....	\$2.75
1½ bu.....	2.00	3 bu.....	4.25

STORE TRUCKS

Half Strapped	Full Strapped	Price
1		\$ 9.50
2		11.35
3		13.50
4		17.50
	A1	10.50
	A2	12.75
	A3	14.75
	A4	17.50



Baltimore Store Truck
Price, \$6.50

MASTERS "HANDI-TRUCK"

Just tip it down and rake grass-cuttings, leaves, trash earth, sand, gravel, or what have you, right into the cart then tip it back and you have a full load.

Sturdily supported sheet metal body; solid steel axle, disc wheels; rubber tires. Will give years and years of satisfactory service. Perfect balance makes handling easy. 11 in. wheels and 1½ in. puncture proof semi-pneumatic tires.

No. 1—Two cubic ft. capacity. Shipping weight 24 lbs...**\$6.75**

No. 2—Three cubic ft. capacity. Shipping weight 30 lbs... **8.75**

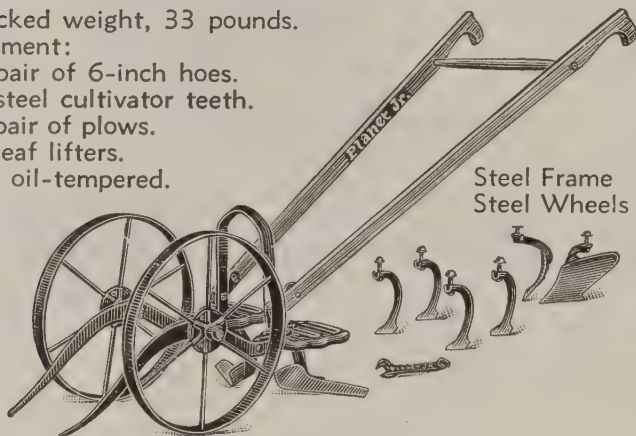
PLANET JR. HAND WHEEL HOES AND GARDEN PLOWS

No. 12 PLANET JR. DOUBLE AND SINGLE-WHEEL HOE COMBINED

Packed weight, 33 pounds.

Equipment:

- 1 pair of 6-inch hoes.
- 4 steel cultivator teeth.
- 1 pair of plows.
- 2 leaf lifters.
- All oil-tempered.



Steel Frame
Steel Wheels

The No. 12 is the most popular Double-Wheel Hoe. It can be used by man, woman or boy. It is identical with No. 11, except that the 4½-inch hoes and the rakes are omitted from the equipment, and it is sold at a correspondingly less price. The attachments with it are what gardeners use most, and the short hoes, rakes and any of the attachments can be added at any time. You'll be astonished how easy it is to save time, labor, money and get bigger crops if you use it. **Price \$12.95.**

No. 11—The same as above except that it has one pair 4½-inch hoes, two 3-tooth rakes and two 5-tooth rakes, in addition. **Price \$16.50.**

No. 13—Is constructed the same as the No. 12 (shown above) but has for the equipment one pair 6-inch hoes only. **Price \$9.95.**

No. 19 PLANET JR. GARDEN PLOW AND CULTIVATOR

Weight, 21 pounds.

Equipment:

- 1 2-inch cultivating tooth.
- 1 10-inch sweep.
- 1 plow.
- 1 5-prong cultivating attachment.



15-inch
steel wheel

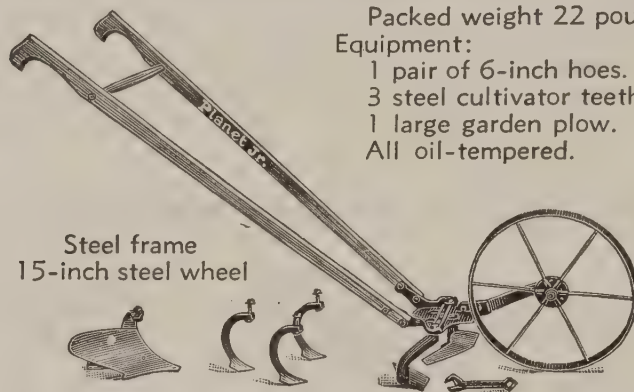
No. 19—This attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations. The standard is slotted for depth regulation, and an adjustable piece carries any of the attachments that go with the machine. The cultivating tooth does deep work and marks out rows for onion sets, plants, etc. The sweep is fine for level shallow work. The five-prong cultivator attachment is bolted directly to the frame, first removing the S-37 standard. Use the five-prong attachment for deep and shallow cultivation. **Price \$5.75.**

No. 17 PLANET JR. SINGLE-WHEEL HOE

Packed weight 22 pounds.

Equipment:

- 1 pair of 6-inch hoes.
- 3 steel cultivator teeth.
- 1 large garden plow.
- All oil-tempered.



Steel frame
15-inch steel wheel

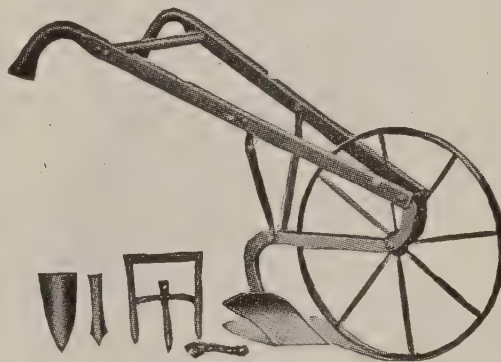
No. 17 is identical with No. 16, except in equipment, and all that has been said previously regarding Planet Jr. Wheel Hoes is equally true of No. 17. The three sets of attachments which go with it are all the finest of their kind, and make an outfit sufficient for most garden work. You can do more and better work with it in one day than you can do in several days with the old-fashioned hand hoe. The hoes exchange sides to work to or from the row, and change of wheel regulates the depth. The hoes are constantly useful throughout the season. The cultivating teeth are oil-tempered and work admirably, are changeable for pitch and are useful for marking out rows. **Price \$8.95.**

No. 16—The same as above except in equipment, which includes one pair 6-inch hoes. Three cultivator teeth. One large garden plow. One 7-inch rake. One 4-inch rake. One leaf guard. **Price \$10.25.**

No. 17½—Same as No. 17—but without the plow. **Price \$7.95.**

No. 18—Same as the No. 17—but equipment consists of one pair of 6-inch hoes only. **Price \$6.95.**

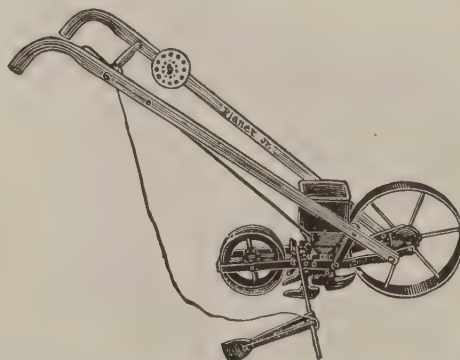
BOY SCOUT GARDEN PLOW



No. 2—With 5-tooth Weeder attached instead of Scuffle Blade **\$4.00**

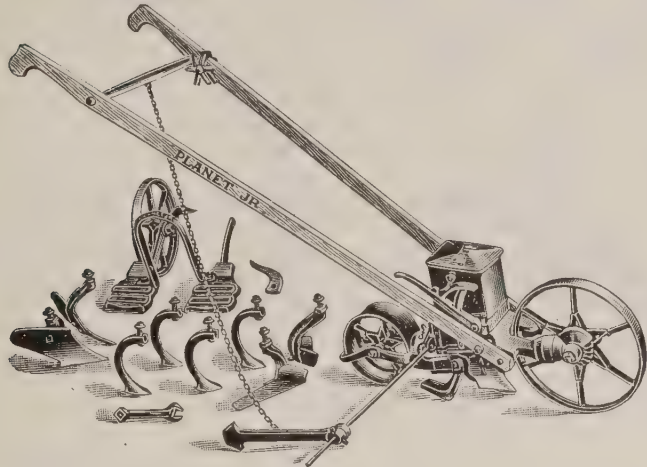
PLANET JR. SEEDERS

No. 300 Seeder—Will plant any vegetable seed from the smallest up to the bush lima beans. There are three plates with a total of 39 holes, giving ample adjustments for any variety of seed. You can change from one hole to another in five seconds, and from one plate to another in thirty-five. Capacity of hopper 4 quarts. Front wheel 15 inches in diameter, 2½ inch tread. Rear wheel 11¼ inches in diameter, 2½-inch tread. **Price \$22.75.**



No. 300A—The same as No. 300 except that it has a concave rear wheel instead of the flat faced wheel. **Price \$22.75.**

No. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE-WHEEL HOE, CULTIVATOR AND PLOW



In can be used as a drill and is almost identical with the "Planet Jr." No. 4. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills. It has 11¼-inch wheels, and the hopper holds 2½ quarts. As a wheel hoe it is identical with the "Planet Jr." No. 12 Double-Wheel Hoe, the very best machine on the market. It takes but a moment to change from drill to wheel hoe. **Price \$25.50.**

PLANET JR. No. 4 COMBINED SEED DRILL SINGLE-WHEEL HOE, CULTIVATOR AND PLOW

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single-wheel hoe or weeder, a cultivator and a plow. The hopper holds 2½ quarts of seed, which can be sown in continuous rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. Capacity of hopper, 2½ quarts. The drill is detached and the tool frame substituted by removing but one bolt.

Price, complete.....**\$21.00**
No. 4-D Plain Seeder..... **16.75**

PLANET JR. FIVE-TOOTH WEEDER ATTACHMENT

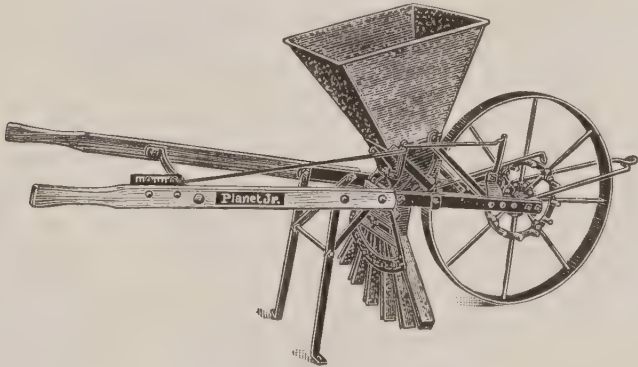
Can be attached to any of the garden plows. **\$1.50 each.**
Regular 5-tooth Attachment, 90c each.

PLANET JR. ATTACHMENTS FOR HAND MACHINES

	Lb.	Oz.	Price
3-in.—S100/1 Hoes (5345/6 Steels), pair..	1	12	\$1.20
4½-in.—S100/1 Hoes (4059/60 Steels), pair	1	13	1.20
6-in.—S100/1 Hoes (4061/62 Steels), pair..	1	14	1.30
7½-in.—S100/1 Hoes (4802/3 Steels), pair..	2	3	1.50
9-in.—S100/1 Hoes (4804/5 Steels), pair...	2	4	1.70
Muck Hoes, S100/1	2	4	1.80
Special Muck Hoe Attachment.....	4	6	2.50
Disc Hoes, 3550x/3551/x, pair.....	5	7	3.75
Disc Hoes, 5316x/17/x, pair.....	3	13	2.50
3-Prong Cult. Teeth, S42/3, pair.....	2	8	1.50
Cultivator Teeth, No. 1395.....		7	.35
Narrow Cultivator Teeth, No. 2775.....		7	.35
Rakes, Three Tooth, S24, per pair.....	1	9	1.00
Rakes, Five Tooth, S25, per pair.....	2	2	1.50
Rakes, Seven Tooth, S26, per pair.....	3	1	2.00
No. 1696—Cultivator Tooth.....		9	.20
No. 1697—Cultivator Tooth.....		4	.15
No. 1704—Plow		13	.40
No. 3999—10-inch Sweep		13	.45
Reversible Scuffle Blade (4557x).....	2	6	1.00
8-in. Wheel Hoe Sweep with S-81 Std....	1	3	.75
Plows for Dbl. Whl. Hoes, M5/N5, pair...	2	6	1.40
Plows for Sgl. Wheel Hoes, R6, each....	2	5	1.15
Double Mouldboard Plow, 4678x.....	2	7	1.70

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

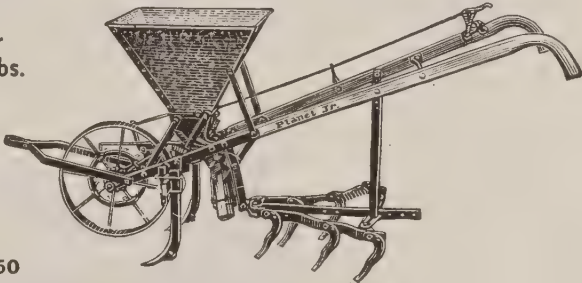
No. 220 PLANET JR. FERTILIZER DISTRIBUTOR



The No. 220 will distribute fertilizer in the middles of three rows 12 to 14 inches apart; it will side-dress one side each of two rows up to 36 inches apart. You can use it in very narrow rows—as close as 9 inches. You can use it in 42 to 48-inch rows by closing off the flow in three spouts and distributing through the other three—either on the right or left hand side. It spreads fertilizer from 4 to 30 inches on the ground. The hopper capacity is one bushel. Will distribute 100 to 2,000 pounds of commercial fertilizer to the acre. **Price \$31.50.**

PLANET JR. Nos. 230 and 230A FERTILIZER DISTRIBUTOR AND CULTIVATOR

Capacity
of Hopper
90 to 100 lbs.



No. 230
Price **\$45.50**

No. 230A With Two Wheels—Price **\$47.50**

Side Dress and Cultivate in One Operation

A new and highly recommended method of applying fertilizer to growing crops is to distribute it uniformly on the ground between the rows and to then cultivate it thoroughly into the soil. This insures all the feeder roots growing in the middle of the row getting their share of food. Cultivator closes to 12 inches: Opens to 21.

	Lb.	Oz.	Price
Double M/B Plow with Conn. Bar.....	3	7	\$2.20
5-Prong Attachment (S-94).....	1	6	.85
No. 7563X—Five Tooth Weeder.....	2	5	1.50
Pulverizer Attachment, each.....	3	1	1.75
Onion Harvester, 8-inch 817X.....	1	13	1.75
Handles, per pair.....	3	12	1.25
Handles (Bent), per pair.....	4	12	1.25
No. 5430 Wrench.....		2	.10

IMPORTANT

When ordering parts for your Implements, be sure and give the correct number of the parts you need.

What make and style tool is it? If a plow, is it right or left hand, is it steel or wood beam?

Know what you want—DON'T GUESS—be sure, and we can all save a lot of valuable time.

STEWART CLIPPING MACHINES

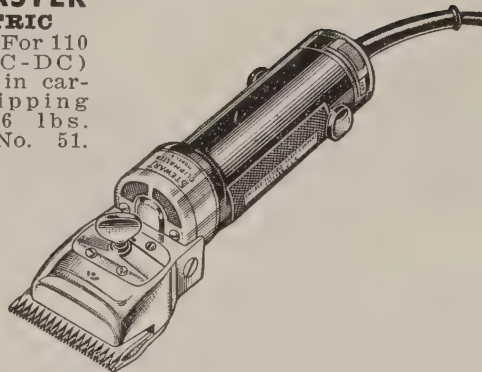
For Cows, Horses, Mules, Dogs, Sheep

NEW COOL STEWART

Here's the greatest advance in 50 years making the world's best clippers. Two multiple-leaf steel springs fixed at the back of the clipper head hold the top blade against the bottom blade at the right degree of tension, cushioning the movement of the top blade and making the Model 51 the most silent, smooth running clipper ever made. Permits easier adjustment of tension. Reduces friction. Blades stay sharp longer. Runs lighter, easier, cooler, clips faster and better. Quiet, powerful, ball-bearing motor with special heavy-duty rubber cord.

CLIPMASTER

ELECTRIC
Model 51 (For 110 volt AC-DC) Packed 1 in carton. Shipping weight 6 lbs. Catalog No. 51. \$21.95.
Shear-master for sheep and goats.
Model 31 110 volt AC-DC \$26.95.
F. O. B. Baltimore.



HOG RINGS

Pig-Rings. Box of 100.....15c
Shoat-Rings. Box of 100.....15c
Hog-Rings. Box of 100.....15c

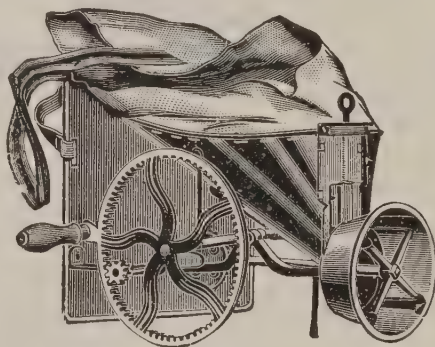
LIGHTNING HORN-TYPE SEED SOWER

Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left. (Weight, 1 lb.) \$1.00.

CAHOON'S BROADCAST SEED SOWER

For Sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, Etc.—Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and rye, 30 to 36 feet; oats, 21 to 25 feet; barley, 27 to 33 feet; clover, millet, Hungarian seed, 20 to 24 feet; hemp, 27 to 30 feet; timothy, 15 to 18 feet. Price \$5.75.



STAR GRASS SEEDER

V Shaped Hopper—Feed-Rod is Flat Steel—Twisted like an Augur-Bit.

14 Ft.....
16 Ft.....

VAN BRUNT LIME AND FERTILIZER SOWER

WITH OSCILLATING AGITATORS

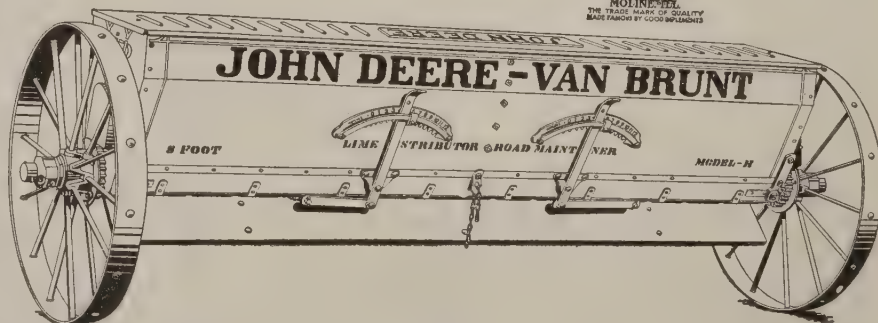
The Van Brunt Lime and Fertilizer Sower is built in the standard size to cover eight feet of ground, with a carrying capacity of ten bushels. For strength, durability and simplicity it is unexcelled.

This sower has 36-inch steel wheels with staggered spokes, heavy, wide rims, removable dust-proof boxings, and compression grease cups with chilled wheel bearings.

Shifter levers on rear of hopper are provided with feed gauge lock, so that when set to sow a certain amount, the feeds may be closed entirely or quantity reduced when desired, and thrown back to the original position, avoiding the necessity of resetting the feed gauge.

Model 1H. 2 Horse. Less eveners and neck yoke\$88.50

Model 1H. With tractor hitch..... 87.75
Add for Agitator with Mud Guard..... 15.95

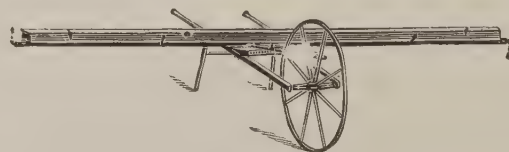


ALL PRICES F.O.B. BALTIMORE
SUBJECT TO CHANGE

Extra Blades and Parts for Stewart Clipping Machines

No. 83AU—Top Blade for No. 51.....\$1.45
No. 84AU—Bottom Blade for No. 51.... 1.95
No. 90—Top Blade for D1, D2 and C1..... 1.45
No. 99—Bottom Blade for D1, D2, and C1.. 1.95
No. 360—Top Blade for B1 1.45
No. 361—Bottom Blade for B1 1.95
No. 4HB—Shear-master Comb80
No. 4HA—Shear-master Cutter35
No. 277—Narrow Comb80
No. 276—Narrow Cutter30

THOMPSON WHEELBARROW GRASS SEEDERS (FARM TYPE)



No. 11—Single Hopper Seeder. Capacity 1 to 24 quarts per acre. Sows all small seeds like Clover, Timothy and Alfalfa.

No. 12—Double Hopper Seeder. Capacity 1 to 96 quarts per acre. Sows all small seeds like Clover, Timothy, Alfalfa and also chaffy seeds like Red Top, Orchard Grass and Clean Blue Grass.

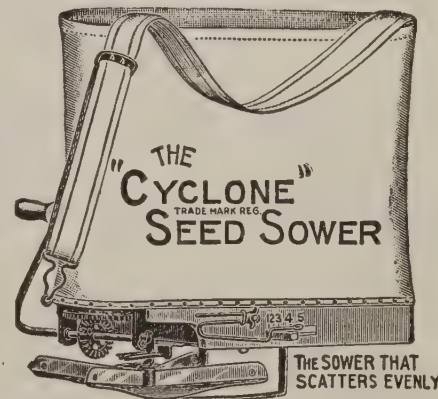
Prices:

No. 11—Single Hopper, 14 feet long.....\$24.50
No. 11—Single Hopper, 16 feet long..... 26.00
No. 12—Double Hopper, 14 feet long..... 26.50

CYCLONE SEED SOWER

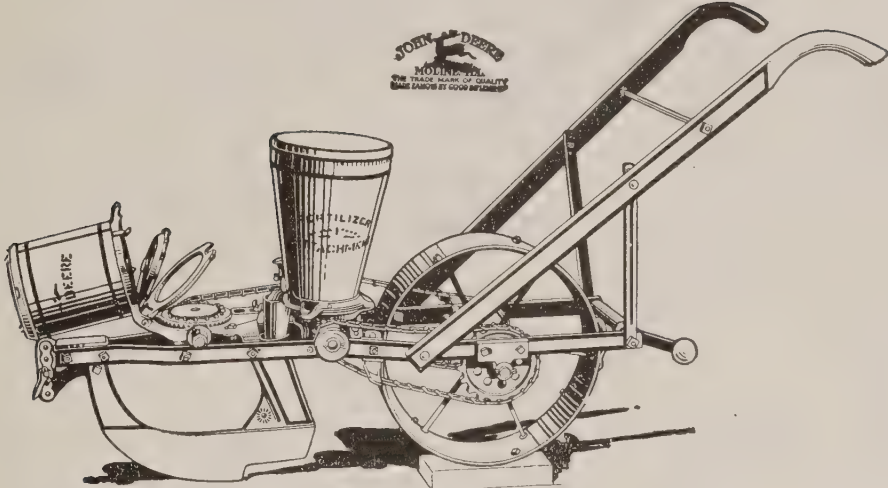
A seed sower any farmer can afford. The most accurate, most convenient to operate and most economical machine for sowing Clover, Timothy, Alfalfa and all other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity of seed per acre.

Price \$2.75



THE SOWER THAT
SCATTERS EVENLY

**JOHN DEERE No. 227
ONE-HORSE DRILL**



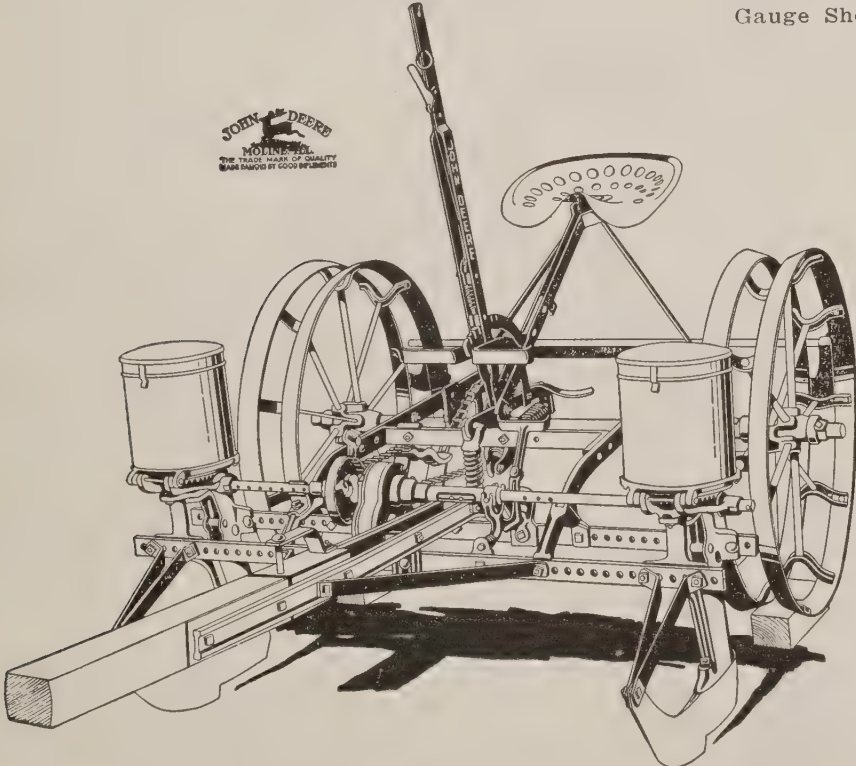
Noted for its simplicity of construction, durability, ease of handling and accuracy. Plates can be furnished for planting any kind of corn, beans, peas, sorghum and many other seeds. Disk or hoe marker can be furnished if desired.

Safety Fertilizer Attachment

The **No. 227 Drill** can be equipped with the John Deere improved safety fertilizer attachment that distributes the fertilizer in a narrow strip on each side of the row, at the same time the corn is planted. Applied in this way, the fertilizer becomes readily available as plant food, yet none of it comes in contact with the seed, which is protected by a layer of soil.

Price, Plain Planter..... \$20.85
Price, with Fertilizer Attachment..... 29.10

JOHN DEERE BEAN DRILL No. 919L



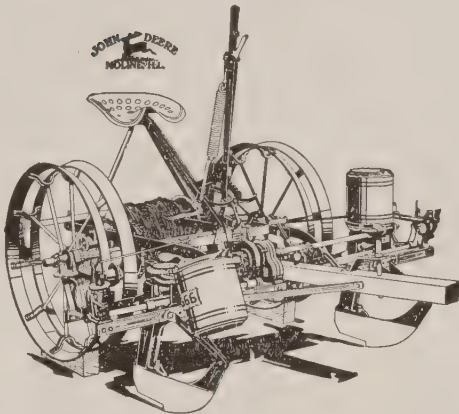
The **John Deere No. 919 Drill** is the same in general construction as the No. 999 Check Rower Planter. As it is intended for drilling only, it is not equipped with check rower and valve mechanism. Simplicity of construction, accuracy and reliability in drop make this machine a superior two-row drill.

It is just as desirable to have the seed properly spaced with unfailing accuracy when drilling as it is to drop three or any other number of kernels in the hill when check-rowing. The No. 919 Drill easily satisfies the most exacting requirements.

Plain\$72.75
With Fertilizer Attachment.....101.50
Gauge Shoes as Extra—per pair..... 3.25

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

**JOHN DEERE No. 999L
CORN PLANTER**



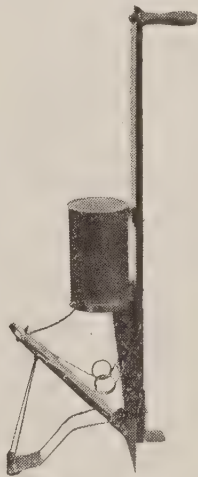
A Corn Planter Does Its Work Underground

There is no way of determining to what extent an inaccurate planter is robbing its owner until the crop is up, and then it is usually too late for him to recover his losses. The Famous John Deere Natural-Drop Seed Plates and Sloping Hopper Bottom are largely responsible for the unfailing accuracy of John Deere Corn Planters.

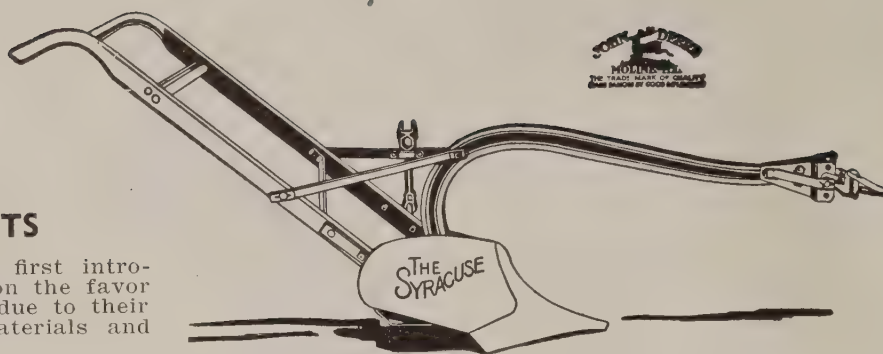
This Planter will narrow into 2 ft. 4 in. rows

Price, Plain Planter.....\$91.50
Fertilizer Attachment, Extra..... 31.25
Gauge Shoes, per pair..... 3.25

**ACME ROTARY AUTOMATIC
CORN PLANTER**



Full rotary drop. Pressed steel hopper. Adjustable cast disk or seed plates. Malleable ratchet lever. Brass spring cut-off. Double coil main spring. Extreme accuracy of drop due to novel exclusive and common sense design of seed plates, and brass spring cut-off or stripper. Double coil spring automatically rotates disc and closes jaws. Used in one hand like a walking stick. Disk is set for correct number of kernels by loosening thumb nut, moving star till pockets are of right size, then tightening thumb nut again. Plunge planter in ground, rock forward to trip seed, and withdraw.
Price\$3.00



SYRACUSE PLOWS AND PARTS

John Deere—Syracuse Chilled Plows were first introduced in 1875. Since that time, they have won the favor of farmers wherever chilled plows are used, due to their superior design, mechanical construction, materials and performance.

No.	Chilled Shares	Coulter and Slip Shares	Heavy Shares	Landsides Chilled	Mouldboards
1-78	\$0.80	\$0.94	\$0.92	\$1.10	\$5.05
2-78	.70	.84	.82	.96	4.20
10-78	.80	.92	..	1.19	5.70
20-78	.75	.89	.87	.96	4.60
30-78	.80	.94	.92	1.19	5.05

No.	Plain	With Wheel	With Wheel and Jointer	Chilled Share	Coulter and Slip Share	Landside Chilled	Mouldboard Chilled	Handles Per Pair
1361LH	\$23.25	\$24.80	\$29.15	\$0.79	\$0.93	\$1.31	\$3.95	\$2.65
1362LH	21.75	23.30	27.65	.74	.88	1.22	3.85	2.65
1363LH	20.75	22.30	26.65	.70	.84	1.00	3.40	2.65
1456RH	8.50	10.05	..	.20	..	.49	1.30	2.50
1459RH	9.25	10.80	..	.22	..	.49	1.30	2.50
1461RH	23.25	24.80	29.15	.79	.93	1.31	3.95	2.65
1462RH	21.75	23.30	27.65	.66	.80	1.22	3.85	2.65
1463RH	20.75	22.30	26.65	.61	.75	1.10	3.40	2.65
1464RH	17.75	19.30	23.65	.53	.67	1.00	2.80	2.20
1465RH	16.25	17.80	22.15	.48	.62	.88	2.20	2.20
1466RH	14.25	15.80	20.15	.40	.54	.74	1.95	2.20
1467RH	11.00	12.55	..	.31	.45	.62	1.45	2.20
601	..	..	..	.79	.93	1.36	3.95	2.80
602	..	..	..	.66	.80	1.22	3.85	2.80
603	..	..	..	.61	.75	1.10	3.40	2.80

Shares interchangeable (361, 501, 1361 series) (461, 601, 1461 series).

Landsides interchangeable (361, 1361 series).

Jointer Points (CE5) (CE6).....	\$0.25	Wheels only, CU6.....	\$0.70
Jointer Moulds (CT7) (CT8).....	.60	Wheel Axle, DE4.....	.35
Slip Noses.....	.14	Wheel only, complete with Axle, Sand Cap, etc.....	1.30

TRACTOR PLOW PARTS

		Shares				Landsides				Mouldboards	
		Cast	Steel			Cast	Steel			Cast	Steel
X1441—		\$.91	\$..	No. 3		\$1.20	\$2.05	No. 3		\$5.50	C \$ 9.25
X1441—12 in.		1.01	3.60	No. 4		1.00	1.65	No. 4		..	S \$ 10.75
X1441—14 in.		1.11	3.85								
X1442—		.77	3.35	No. 3		1.10	2.05	No. 3		5.10	C 8.75
X1442—12 in.		.87	3.60	No. 4		.90	1.65	No. 4		..	S 10.00
X1450—14 in.		1.25	4.35	No. 3		1.10	2.05	No. 3		8.75	C 11.00
X1450—16 in.		1.35	5.20	No. 4		.95	..	No. 4		..	S 12.50
X1451—12 in.		1.15	4.10	No. 3		1.10	..	No. 3		8.50	C 10.25
X1451—		1.15	4.10	No. 4		.95	..	No. 4		..	S 11.75

JOHN DEERE WALKING PLOWS—RED JACKET—B SERIES AND PARTS

No.	Plain	With Wheel	With Wheel and Jointer	Share Crucible	Share Crucible Qd.	Landside Steel	Mould-Board Hard	Heel for Landsides	Cast Shares	Handles Wood Per Pair	Handles Steel Per Pair
B28	\$17.00	\$18.55	\$22.90	\$1.70	..	7684-\$1.95	B108-\$4.95	V112-\$5.50	C36 -\$.75	216-\$4.15	101-\$4.70
B29	18.25	19.80	24.15	1.70	..	7721- 1.95	B109-\$5.75	V112- .50	C37 - .75	216- 4.15	101- 4.70
B110	19.75	21.30	25.65	..	2.15	7723- 1.95	B110- 6.90	V112- .50	C278-1.15	216- 4.15	101- 4.70

JOHN DEERE TURF AND STUBBLE PLOWS AND PARTS

No.	Plain	With Wheel	With Wheel and Jointer	Share Crucible Steel	Cast Share	Landside Bar Steel	Landside Cast	Mould-Board Hard Steel	Shoe for Landside	Handles Wood Per Pair
MP10	\$21.25	\$22.80	\$27.15	141-\$2.25	C141-\$1.00	7598-\$0.85	..	MP11D-\$8.00	V216-\$1.25	212-\$5.25
MP12	22.00	23.55	27.90	125- 2.65	C125- 1.15	7598- .85	..	MP11D- 8.00	V216- 1.25	212- 5.25
MP14	24.50	26.05	30.40	127- 2.90	C127- 1.30	7600- .85	..	MP15D- 9.75	V218- 1.35	214- 5.25
MP12F	20.00	21.55	25.90	125- 2.65	C125- 1.15	..	V223-\$2.05	MP11D- 8.00	V98 - .70	212- 5.25
MP14F	22.25	23.80	28.15	127- 2.90	C127- 1.30	..	V225- 2.10	MP15D- 9.75	V98 - .70	214- 5.25

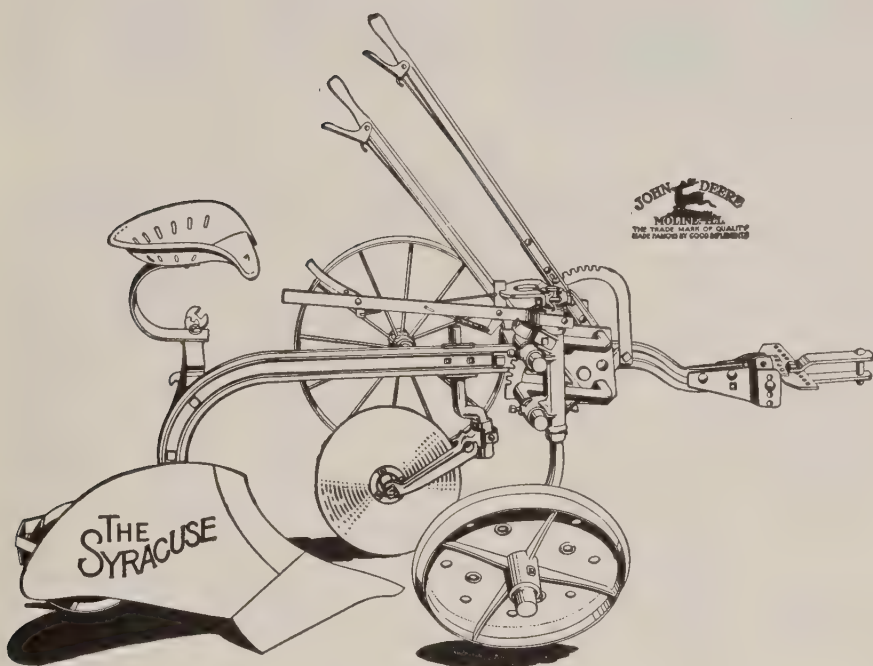
JOHN DEERE TRACTOR PLOW PARTS

	Cast Share	Steel Share Crucible	Hard	Steel Landsides	Steel Mouldboards
C215	\$1.30	\$2.65	\$4.15	7886	MP312
				7887	
C217	1.55	2.90	4.40	7879	MP314
				7885	
C218	1.80	3.10	4.95	7879	NGP216
				7983	

JOHN DEERE-SYRACUSE No. 210 SULKY PLOW

A Light-Draft All-Wheel-Carried
Plow For Every Type of Soil

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

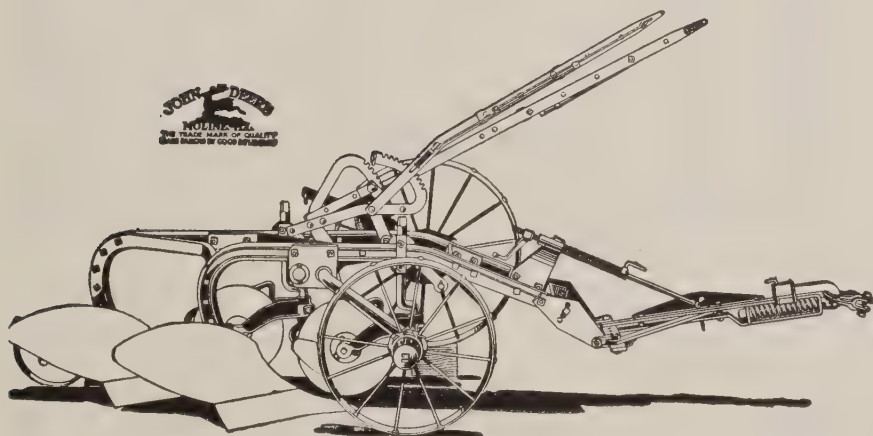


PRICES

No. 1441—Right, Chilled. Weight 384 lbs.....	\$67.75
No. 1442—Right, Chilled. Weight 376 lbs.....	66.75

This is acknowledged to be the lightest-draft plow of its type. It does an extra good job of plowing in any kind of soil and under all conditions. It runs level and plows at uniform depth, always even when turning square corners. It's the all-wheel-carried plow that has established its superiority wherever the use of this type of plow is practical. The advantages over the ordinary sulky plow are many. The special design of rolling landside, and the fact that the plow can be used with either the Syracuse or John Deere clean-shedding bottoms are features responsible for the extremely light-draft and good working qualities. The rear weight of the plow is supported by the rolling landside, which serves as the third leg of a triangular rolling support. All of the body and frame weight is properly balanced and rolls on three bearings that run in oil. Thus, friction between the plow and the bottom of the furrow is eliminated, and the side pressure against the furrow wall is minimized. Shares stay sharp longer than on any other riding plows, because the rolling landside prevents the plow from running on its nose. Neither is there any dragging friction, which is equally destructive to share life and light draft. The outstanding feature that is found only on this plow, is the front furrow caster wheel that actually governs the plow; the controlling device that automatically keeps the plow cutting furrows at uniform width and depth at all times.

JOHN DEERE No. 52—2 BOTTOM TRACTOR PLOW



PRICES

No. 1441—28-inch Cut. Weight 813 lbs.....	\$108.25
No. 1442—24-inch Cut. Weight 780 lbs.....	106.25

Long, conveniently-reached levers make it easy to control depth and leveling accurately.

The power-lift is simple, and positive. It will stand the hardest, roughest work. It will last far longer than any ordinary power lift.

The land wheel, from which the power-lift operates, is solid and straight from tire to box on the inside; it does not pick up dirt or trash, thus it is a natural protection to clutch and driving parts. On a half turn of this wheel, the bottoms lift high and level—no digging into the ground or clogging with trash when turning the ends of the field.

When the bottoms are lowered, they enter the ground point first and penetrate quickly to plowing depth.

WOOD PLOW DOUBLE AND SINGLE TREES

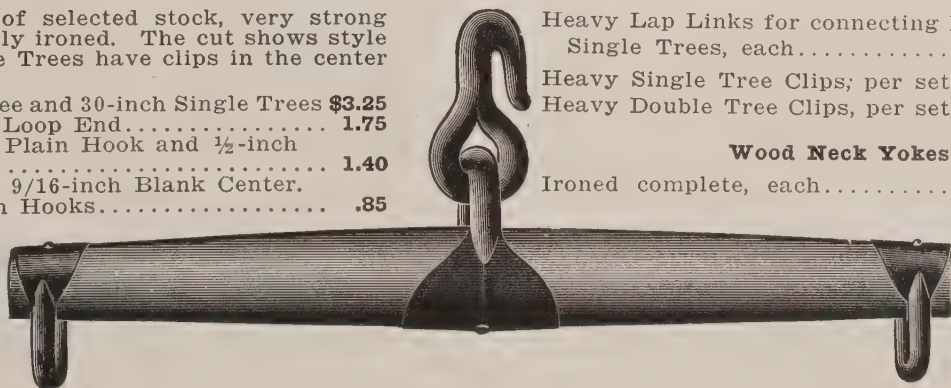
These Trees are made of selected stock, very strong and durable, and are heavily ironed. The cut shows style of Double Tree; the Single Trees have clips in the center and hooks at the ends.

Per set, 38-inch Double Tree and 30-inch Single Trees	\$3.25
Double Tree only, 36-inch Loop End.....	1.75
Double Tree only, 38-inch Plain Hook and 1/2-inch End Clip	1.40
Single Tree only, 30-inch. 9/16-inch Blank Center. 7/16-inch End Clips with Hooks.....	.85

Heavy Lap Links for connecting Double and Single Trees, each.....	\$.25
Heavy Single Tree Clips; per set.....	.45
Heavy Double Tree Clips, per set.....	.75

Wood Neck Yokes

Ironed complete, each.....	\$1.50
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ALL PRICES F.O.B. BALTIMORE SUBJECT TO CHANGE

OLIVER CHILLED PLOW PARTS

	Plain Shares	Slip Shares	Lands	Moulds	S B Standards	W B Standards	Wood Beams
Goober	\$.030	\$.	\$0.59	\$1.45	\$2.20	\$.	\$.
No. 6	.30	.53	1.40	1.60			
A	.35	.45	.69	1.65	2.70	3.25	4.75
AC	.40	.50	.75	1.75	2.40	3.25	
B	.45	.85	2.05	2.70	3.50	4.75	
BC	.50	.96	2.20	2.75			
10	.60	.75	1.06	2.50	3.20	3.60	4.75
13	.70	.85	1.22	3.20	3.40	3.80	4.75
19	.80	.95	1.33	3.85	3.60	4.35	5.00
20	.85	1.00	1.49	4.10	3.75	4.60	5.00
E	1.00	1.15	1.59	4.50		5.15	
40	1.00	1.15	1.59	4.50	4.25	5.15	5.00
40XX	1.15						
82	.95	1.15	1.86	4.90			
83	1.10		1.86	5.40			
84-88—12 in.	1.10			5.95			
84-88—14 in.	1.20			5.95			
F905			.69				
F926A			1.49				

WOOD BEAM CLEVISES

Nos. A.—A. C.	\$0.50
All Other Numbers—2 Horse	1.00
Three Horse	1.50
Small Shackles	.12
Medium Shackles	.20
Large Shackles	.25
C. Clevis for 2 Horse Plow	1.10

STEEL BEAM CLEVISES

Nos. 6—K.—G.	\$0.90
Nos. A.—A. C.	1.15
Nos. B.—B. C.—10, 13, and P. B.	1.50
Nos. 19—20	1.75
No. 40	2.40
6 Hole Cross Clevis and Pin	.40
8 Hole Cross Clevis and Pin	.50
9 Hole Cross Clevis and Pin	.60
11 Hole Cross Clevis and Pin	.75
No. 11—Shackle Holder	.25
Shackle Pin	.10
Clevis Jaws, R or L 2960	.50
Clevis Jaws, R or L 2990	.65
Clevis Jaws, R or L—3 Horse	.75
Cross Clevis Pin	.15
No. 11—Shackle and Pin	.20

WHEELS

State for Wood or Steel Beam	
1 Horse Wheels, complete	\$2.50
2 Horse Wheels, complete	3.00
Standard Brace, Malleable	1.75
Standard, Straight	.90
Wheels only	.90
Wheel Hubs	.25
Wheel Hub Bolt	.06

WOOD BEAM JOINTERS

Two and three-horse	\$5.50
Holders	1.50
Standards	1.50
Mouldboards	.45
Points RH JY730 LH JY 731	.25

STEEL BEAM JOINTERS

No. B Jointer, Complete	\$6.00
F-2286 or F-2287 Standard	1.75
5500 or 2934 Shank	1.10
F-2288 or F-2289 Point	.25
F-2290 or F-2291 Mouldboard	.45

WOOD HANDLES. (Single)	\$0.90
Handle Rounds, each	.15
Sets, all numbers up to 10. S.B.	2.10
Sets, all numbers up to 13. W.B.	2.50
Sets, all numbers, 13 and above. S.B.	2.75
Sets, 10. W.B.	2.75
Sets, all numbers 13 and above. W.B.	3.00
(State if old or new style handles.)	
Wood or Steel Beam	

WALKING PLOWS AND PARTS

PARTS FOR INTERNATIONAL PLOWS

No.	Shares	No.	Land-side	No.	Mould-board
6002-R.H.	\$1.05	6021-R.H.	\$1.75	CP6008R.H.	\$5.35
6007-R.H.	1.10	6022-L.H.	1.75	CP6009R.H.	5.70
6027-L.H.	1.05	6001M-R.H.	1.17	CP6103L.H.	\$5.35
6028-L.H.	1.10	6001-R.H.	.64	CP6104L.H.	5.70
6174-R.H.	1.05			6003 Shins	.65
6175-R.H.	1.10			6105 Shins	.65

PARTS FOR SOUTH BEND PLOWS

No.	Share Plain	Land-side	Mould-board
B1	\$0.45	\$0.90	\$2.10
B1X	.50	.90	2.20
2	.50	.96	2.55
2X	.60	1.00	2.35
2½X	.70	1.15	3.20
3	.75	1.25	4.00
3X	.80	1.25	3.85
R4X	.85	1.40	4.10
10X	.85	1.45	4.15

PARTS FOR CHATTANOOGA PLOWS

No.	Share Plain	Land-side	Mould-board
61	\$0.30	\$0.69	\$1.45
62	.35	.75	1.75
63	.65	1.06	2.50
64	.75	1.22	3.20
65	.85	1.49	4.10
66	1.00	1.59	4.50
70	.30	.53	1.40
71	.40	.69	1.60
72	.40	.69	1.75
CP4166—			
Slip Noses	.....	\$0.15	
Chattanooga			
Jointer Points	..	.30	
Chattanooga			
Jointer Molds	..	.55	
Chattanooga			
Handles, Per Pr.		1.75	

When ordering Plows and Repairs, state Right or Left Hand, Wood or Steel Beams.

LYNCHBURG PLOWS AND PARTS

No.	Plows	Shares	Land-sides	Mould-boards
2	\$ 9.60	\$0.28	\$0.53	\$1.40
Junior	9.60	.30	.53	1.40
Truckers	10.15	.30	.59	1.45
6X		.40	.75	1.75
22	19.50	.70	1.22	3.20
27		.70	1.22	3.20
32		.80	1.33	3.85
37		.80	1.33	3.85
42		.85	1.49	4.10
52		1.00	1.59	4.50

FARMER'S FRIEND PARTS

No. 5	
Shares	.....\$0.35
Landsides	......35
Mouldboards	......65

GENUINE BOSS PLOW REPAIRS

No.	Shares	Land-sides	Mould-boards
Cabbage	\$0.25	\$0.55	\$0.35
1½x2	.35	.55	.70
2½x3	.40	.55	.80
20	.50	.55	1.30
Double Mouldboard and Share			3.00
Double Share			1.00
Clevis			.40
Standards			2.75
Handles, Complete			1.50
Beams			1.25
Bolts			.05

"MOON" ROLLING COULTER



The shoe presses down all weeds and trash and holds same firmly while being cut by the Coulter.

Prices	
No. 1—8-in. disc	\$5.05
No. 2—10-in. disc	5.65
No. 3—12-in. disc	6.45

All Prices
F.O.B.
Baltimore

GENUINE PLANET JR. EXTRAS

Richardson's
Griffith & Turner's
Wiseman-Downs'

TO DETERMINE THE QUALITY
OF A CULTIVATING STEEL

Look on the Back
If it reads



You can depend upon it being
the Standard of Quality and
Design and an assurance of
long and satisfactory service.

CULTIVATOR STEELS

	Lb.	Oz.	Price
No. 4064—1x8-inch Steel	10		\$0.19
No. 1156—1½x8-inch Steel	11		.20
No. 2367—1¾x8-inch Steel	11		.21
No. 2368—2¼x8-inch Steel	12		.24
No. 2369—3x8-inch Steel	14		.30
No. 2370—4x8-inch Steel	1	2	.37
No. 1888—1¼x10-inch Steel	13		.24
No. 1249—1¾x10-inch Steel	14		.25
No. 1199—2¼x10-inch Steel	14		.30
No. 1200—3x10-inch Steel	1	2	.35
No. 1201—4x10-inch Steel	1	8	.40

2 Holes 1¾-inch Centers

No. 8764—1¼x10-inch Steel	13		\$0.24
No. 8765—1¾x10-inch Steel	14		.25
No. 8766—2¼x10-inch Steel	14		.30
No. 8767—3x10-inch Steel	1	2	.35
No. 8768—4x10-inch Steel	1	8	.40

SHOVEL STEELS

No. 2539—7-inch Shovel Steel.....	1	8	\$0.40
No. 2540—8-inch Shovel Steel.....	1	12	.45

REGULAR SWEEPS

No. 1614—6-inch Sweep	1	1	\$0.40
No. 1169—8-inch Sweep	1	4	.45
No. 1170—10-inch Sweep	1	7	.50
No. 1171—12-inch Sweep	1	10	.60
No. 1172—15-inch Sweep	1	14	.80
No. 3148—18-inch Sweep	2	3	1.00
No. 3491—24-inch Sweep and bolts.....	3		1.75
No. 4903/4—6-inch One Sided, pair.....	1	14	.80
No. 3583/4—8-inch One Sided, pair.....	2	5	.90
No. 3585/6—9½-inch One Sided, pair.....	2	8	1.00
No. 3587/8—11-inch One Sided, pair.....	2	13	1.10

IMPROVED SWEEPS

No. 2731—3-inch Imp. Sweep.....	10		\$0.30
No. 1494—5-inch Imp. Sweep.....	14		.40
No. 1495—8-inch Imp. Sweep.....	1	5	.50
No. 1496—10-inch Imp. Sweep.....	1	9	.60
No. 1497—12-inch Imp. Sweep.....	1	14	.80
No. 1498—15-inch Imp. Sweep.....	2	5	1.00
No. 1499—18-inch Imp. Sweep.....	2	11	1.35
No. 8229—21-inch Imp. Sweep.....	3	3	1.75
No. 3582—24-inch Imp. Sweep, Bolt.....	3	8	2.25
No. 5380/1—5-inch Imp. Half Sweeps, pair	1	12	.90
No. 4930/1—7-inch Imp. Half Sweeps, pair	2	7	1.20

ORIOLE WALKING CULTIVATOR STEELS

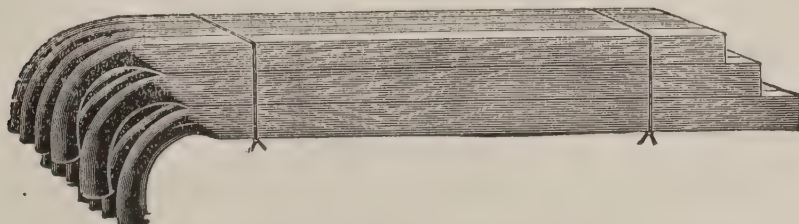
1¼x8 inch			\$0.14
1½x8 inch .....			.15
2 x8 inch .....			.16
2½x8 inch .....			.18
3 x8 inch .....			.20
3½x8 inch .....			.21
4 x8 inch .....			.23
No. 10—Turn Shovel, R. & L.....			.28
No. 16—Turn Shovel, R. & L.....			.28

ORIOLE RIDING CULTIVATOR STEELS

1¼x10 inch			\$0.18
1½x10 inch .....			.19
2 x10 inch .....			.21
2½x10 inch .....			.23
3 x10 inch .....			.24
3½x10 inch .....			.27
4 x10 inch .....			.28
No. 7—6-inch Sweep .....			.32
No. 7—8-inch Sweep .....			.35
No. 7—10-inch Sweep .....			.40
No. 7—12-inch Sweep .....			.43
No. 7—15-inch Sweep .....			.48
No. 7—Centre Steel .....			.45

ORIOLE CULTIVATOR EXTRAS

Wheels for Cultivator.....			\$0.95
Set Screw Clamps.....			.45
Wheel Cultivator Clamps.....			.60
Teeth for Combined Harrow and Cultivator.....			.16



TRACTOR SWEEPS

2 Holes—2-inch Centers
1 11/16-inch Square Holes

	Lb.	Oz.	Price
No. 8800—6-inch Tractor Sweep.....	1	8	\$0.55
No. 8801—8-inch Tractor Sweep.....	1	12	.70

HILLERS AND PLOWS

No. 1167-8—6-inch Hillers, pair.....	4	12	\$1.30
6-inch Hillers, with conn. pieces.....	6	15	2.20
No. 495-6—7-inch Plows, pair.....	5	10	1.60
7-inch Plows, with conn. pieces.....	7	13	2.50

TURNING SHOVELS

No. 3822/3—5-inch, pair	2		\$0.75
No. 3580/1—6-inch, pair	2	15	.85
No. 3824/5—7-inch, pair	3	12	1.10

FURROWERS

No. 1161—10-in. Furrowers	3	5	\$1.00
No. 2621—12-in. Furrower and Bolt.....	4	5	1.50
No. 1162—15-in. Furrower and Bolt.....	6	2	1.90

DISCS

12-inch for P. W. C., per pair.....	30		6.50
14-inch for P. W. C., per pair.....	33	8	7.50

SHOVEL PLOW BLADES

Single Shovel Blades—No Bolts:

8x10x¼ inch			\$0.65
10x12x¼ inch .....			.90
12x12x¼ inch			1.10
12x14x¼ inch			1.10
9x14x¼ inch			1.00

Double Shovel Blades—No Bolts:

5 x10x¼ inch			\$0.40
5½x10x¼ inch .....			.42
6 x10x¼ inch .....			.45
7 x10x¼ inch .....			.53
8 x10x¼ inch .....			.65

Triple Shovel Blade—No Bolts:

4x7x¼ inch			\$0.23
5x7x¼ inch .....			.30
5x8x¼ inch .....			.34

Double Shovel Bull Tongues—1 or 2 Holes—No Bolts:

1½x 8x5/16 inch			\$0.17
1½x 9x5/16 inch .....			.20
2 x 9x5/16 inch .....			.24
1½x10x5/16 inch .....			.23
2 x10x5/16 inch .....			.28
2½x10x5/16 inch .....			.30
3 x10x5/16 inch .....			.40
1½x11x5/16 inch .....			.24
2 x11x5/16 inch .....			.29

REVERSIBLE HARROW POINTS

Butts (Fits all harrows).....			\$0.32
Butts, points only.....			.20
Butts, clamps only.....			.13

MISCELLANEOUS

No. 1229—Harrow Tooth.....	14		\$0.40
No. 7572X—Chisel Tooth, complete.....	3	9	1.50
No. 6706—Point for Chisel Tooth.....		5	.20
No. 3 Wrench		5	.15
Bolts for Steels, ¾x1¼, 1¼ inch.....		1	.04
Bolts for Steels, ¾x2, 2¼ and 2½ inch..		2	.04
Bolts for Steels, ¾x3 inches.....		2	.05

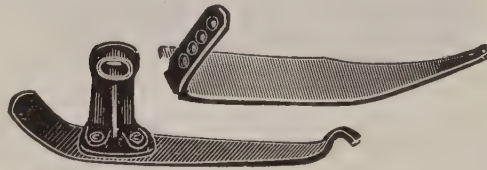
PLOW HANDLES

Not Finished

1¼x2¼ ins., 5 ft. long, per pair.....

MOWER AND BINDER EXTRAS TO FIT LEADING MACHINES

SHOE SOLES FOR MOWERS



Adriance

3099D—Inner, Nos. 7 and 8.....\$1.40
3073J—Outer, Nos. 7 and 8..... .70

Champion

A5810½—Inner, Imp. Mower.... 1.25
A5847—Outer, Improved Mower. 1.00

Deere-Dain

Z5379—Inner, Dain 1.00
Z5231—Outer, Dain-Deere60
Z578690
Z6058—Inner, Deere 1.00

Deering

D2097—Inner 1.00
D2510—New Ideal, Inner (D3501) 1.15
D2937—New Ideal, Outer..... .75

Emerson

M95S—Inner 1.10
M173½S—Outer (0-10959), with
Bracket75

Johnston

63FC—Outer, with Bracket.... 1.10
1812—Inner, Nos. 9, 12, and 14.. 1.00
2323—Inner, No. 12..... 1.00
63FD—Outer, No. 14..... 1.10

McCormick

M465—Inner, New 4-1896-11.... 1.15
MC465—Inner, New 4-1912..... 1.15
MA259—Outer, New 4..... .75
M259½—Outer90

Massey-Harris

M2216—Outer, Nos. 20 and 21,
plain60
M2217—Outer, Nos. 20 and 21... .90
M2276—Inner, Nos. 20 and 21... 1.05
L1065—Inner, No. 22..... 1.05
M2898—Outer, No. 22..... .90

Milwaukee

PJ108—Inner 1.15
PJ278—Outer90

Oliver

Z5141—Outer70
Z5480—Inner 1.10

Osborne

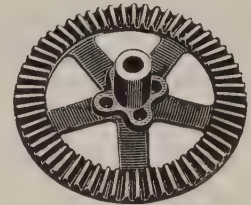
7010—Inner85
10959—Outer70

Thomas

M2058—Outer75
1096—Inner 1.25
M2060—Inner (New Mower).... .95

Wood

K3427—Inner 2.00



McCORMICK-DEERG.
M1407

TO FIT THE FOLLOWING

Adriance
706D—Spur Pinion\$1.20
555D—Spur Gear and Bevel
Pinion 5.05

Case, Osborne
894—Spur Pinion 1.20
896—Bevel Gear 3.30
899—Bevel Pinion75

Champion
A865—Spur Pinion 1.15
A867—Bevel Pinion 1.00
A864—Spur Gear 5.85

Dain, Deere
Z125—Bevel Gear 3.30
Z130—Bevel Pinion55
Z414—Bevel Gear 3.30

Deering Ideal
D356—Bevel Gear 4.15
D458—Bevel Pinion85

Deering New Ideal
D864—Bevel Gear 3.20
D865—Bevel Pinion90
D730—Spur Pinion95
D989—Bevel Gear 2.85

Emerson
M395—Clutch Gear 2.50
M404—Bevel Gear 2.35
M608—Spur Gear 2.75
M522—Bevel Pinion85

McCormick New 4
M633—Spur Pinion 1.25
M635—Bevel Pinion85
M813—Bevel Gear 3.80

McCormick New Big 4
M837—Bevel Gear 3.80
M838—Bevel Pinion60
MA814—Clutch95
M1400—Clutch 1.40

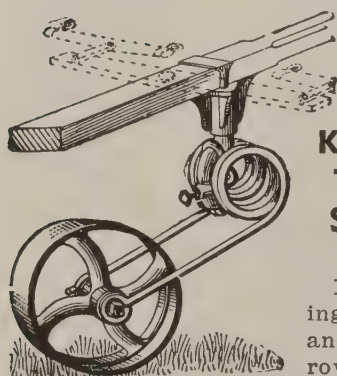
McCormick No. 6 Vertical
MA1405—Spur Gear 5.05
MA1406—Spur Pinion 1.25
M1407—Bevel Gear 3.80
M1408—Bevel Pinion85

Oliver
Z35—Bevel Pinion85
Z176—Spur Pinion 1.20
Z177—Bevel Gear 3.60

Thomas
65—Bevel Pinion (M259).... .95
301—Bevel Gear (M231).... 2.85
302—Triple Gear (M232).... 3.80
303—Drive Gear (M224).... 3.45
20—Drive Gear (M223).... 3.40

Wood
2525—Bevel Gear 4.70
2791—Bevel Pinion 1.50
2790—Spur Pinion 1.60
K338—Spur Pinion 1.60

ALL PRICES F.O.B. BALTIMORE



KEYSTONE TONGUE SUPPORT

For harvest-
ing machinery
and disc har-
rows.

PLANET JR. CULTIVATORS AND HORSE HOES

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

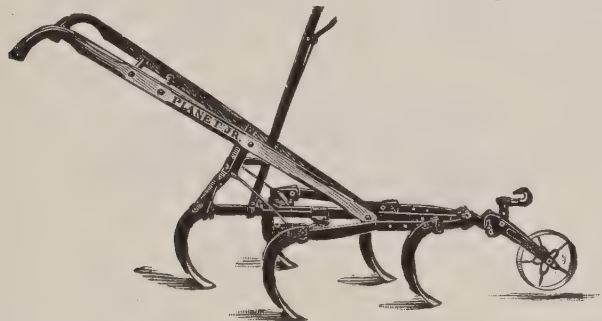
No. 100 PLAIN CULTIVATOR



No. 100 Cultivator. This very popular tool is strong, plain, simple, business-like and does its work to perfection.

No. 100 , with wheel.....	\$9.50
No. 100-D , no wheel.....	8.25
No. 101 , with wheel.....	10.75
No. 101-D , no wheel.....	9.50

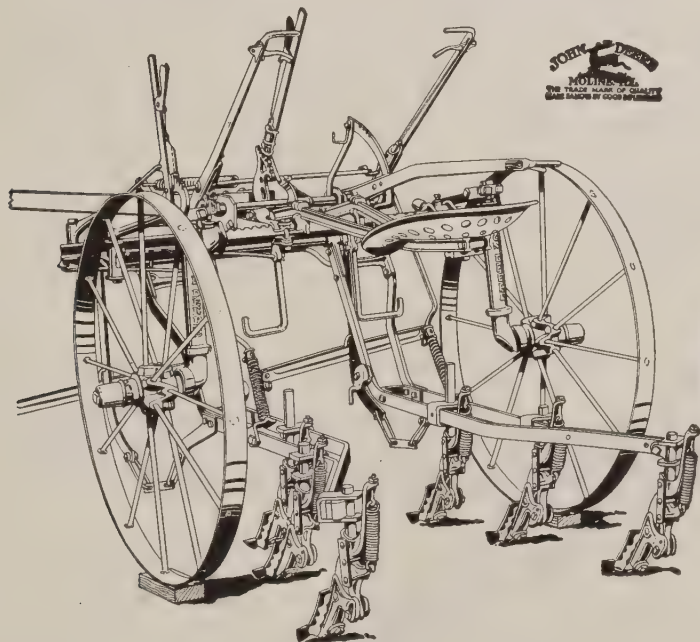
No. 9 PLAIN CULTIVATOR



The **No. 9** is well built and of the right design. The especially hardened beveled steel teeth keep sharp and give 50% more service. The **No. 9** is light, yet strong, with steel wheel, hollow steel standards, and steel draft hook.

No. 9 , with wheel.....	\$13.50
No. 9-D , no wheel.....	11.75

JOHN DEERE "K.L." CULTIVATOR



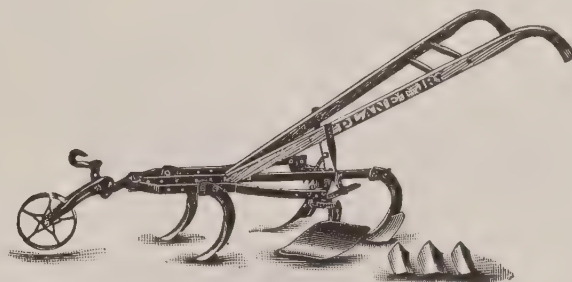
This picture Shows the John Deere KL equipped with **No. 179** six-shovel, spring-trip aligned rigs.

Space Rigs with Lever—By means of the spread lever, you space the rigs for distance of cultivation from the row. The rigs spread equally at front and back.

Prices:

KL 179 —6 Shovel Spring Trip Cultivator.....	\$68.75
KL 200 —8 Shovel Spring Trip Cultivator.....	73.00
KL 197 —6 Shovel Pin Brake Cultivator.....	63.25
KL 199 —8 Shovel Pin Brake Cultivator.....	65.50

No 4 PLANET JR. HORSE HOE



This tool is low in price, strong and simple; provided with patent handle braces; firm, simple, strong, convenient.

No. 4 , with wheel.....	\$13.25
No. 4-D , no wheel.....	11.50

No. 90 PLANET JR. 12-TOOTH HARROW CULTIVATOR AND PULVERIZER

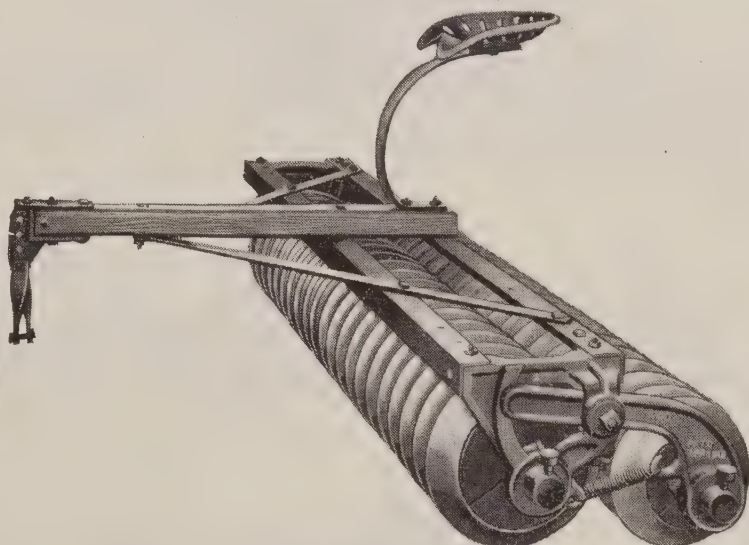


This tool has rapidly grown in favor among strawberry growers, market gardeners, truckers and farmers.

No. 90 Complete.....	\$18.50
No. 90-B . Less Pulverizer.....	15.50
No. 90-D . Plain.....	12.25
No. 91 With Wheel.....	13.95
No. 92-D . Plain.....	10.95

THE BRILLION KING PULVERIZER

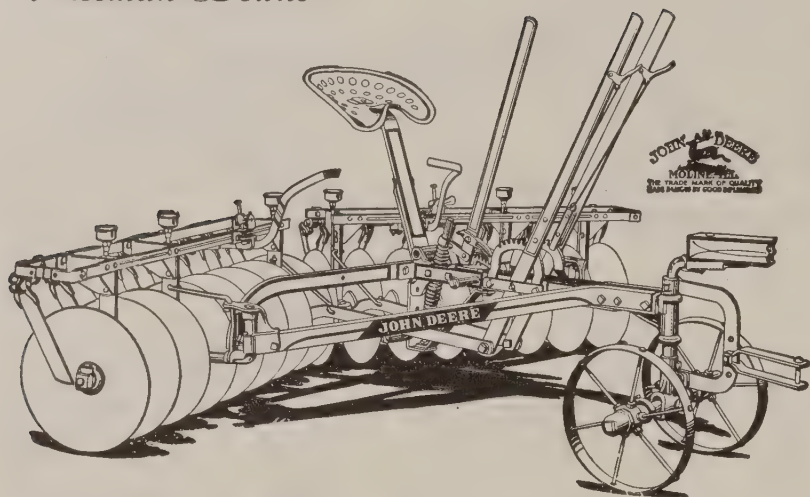
With Roller Bearings



Brillion Soil Pulverizers are built in many types and sizes. There is one available to meet successfully the conditions encountered on practically any farm.

No. L. D. 64 —Rolling Width 5 ft. 4 in.....	\$72.00
No. L. D. 76 —Rolling Width 6 ft. 4 in.....	79.75
No. L. D. 88 —Rolling Width 7 ft. 4 in.....	88.25
No. L. D. 100 —Rolling Width 8 ft. 4 in.....	96.50
Add for Seat and Spring.....	2.20
Double Trees and Neck Yoke—Add.....	3.85

JOHN DEERE MODEL B DISK HARROW



Independent action of the gangs is largely responsible for the flexibility of the Model B. This construction is of great value because it allows one part of the harrow to pass over an obstruction in the field without interfering with the rest of the machine. A rigid harrow, under the same conditions, is likely to leave some of the land uncultivated.

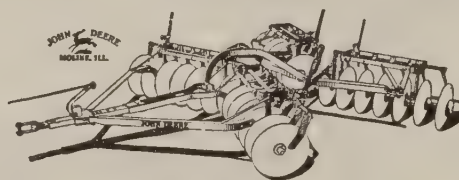
Prices on Model B Disk Harrows

No. BF416—8 6" Discs, cuts 4 ft. 2-H.E. and Pole	\$49.50
No. BF418—8 18" Discs, cuts 4 ft. 2-H.E. and Pole	52.50
No. BF516—10 16" Discs, cuts 5 ft. 2-H.E. and Pole	53.00
No. BF518—10 18" Discs, cuts 5 ft. 2-H.E. and Pole	56.75
Forecarriage in Lieu of Pole.....	8.75

JOHN DEERE MODEL J. B. DOUBLE ACTION TRACTOR DISK HARROW

Among the two types and six sizes you'll find just the right model to match your acreage; your tractor power; your disking job. The Model "J. B." is a double-action disk Harrow available in 5-, 6-, 7-, 8-, 9-, and 10-foot sizes. Model "J," available in the same sizes, is a single-action machine—the front section of the Model "J. B." used alone. To angle gangs, just pull a single trip rope.

No. J. B. 516	20-16 in. Discs.	5 foot 4 inch Cut...	\$ 95.75
No. J. B. 518	20-18 in. Discs.	5 foot 4 inch Cut...	103.25
No. J. B. 616	24-16 in. Discs.	6 foot 4½ inch Cut.	105.75
No. J. B. 618	24-18 in. Discs.	6 foot 4½ inch Cut.	114.75
No. J. B. 716	28-16 in. Discs.	7 foot 5 inch Cut...	113.25
No. J. B. 718	28-18 in. Discs.	7 foot 5 inch Cut...	123.75

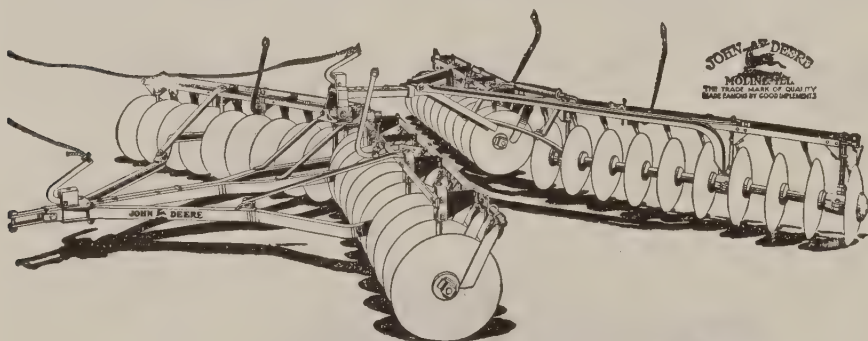


Because of their outstanding design, these new Disk Harrows successfully meet two entirely different field and crop conditions. It's extremely easy to do good work and do it faster with one of these New Harrows. Gangs are angled and straightened by Tractor Power controlled from the Tractor Seat. To angle gangs, just pull a single trip rope.

Model "J" Single Action Tractor Disk Harrow

No. J. 616	12-16 in. Discs.	5 foot 10½ inch Cut....	\$53.00
No. J. 618	12-18 in. Discs.	5 foot 10½ inch Cut....	57.50
No. J. 716	14-16 in. Discs.	6 foot Cut.....	56.75
No. J. 718	14-18 in. Discs.	6 foot Cut.....	62.00
No. J. 816	16-16 in. Discs.	7 foot 11½ inch Cut....	61.75
No. J. 818	16-18 in. Discs.	7 foot 11½ inch Cut....	67.75

JOHN DEERE MODEL K. B.—AUTOMATIC TRACTOR CONTROL DISK HARROW



Front and rear gangs can be angled or straightened independently of each other. A pull on the trip rope enables the tractor operator to change the angle of either section instantly to just the proper degree for best disking results.

PRICES:

No. K. B. 618—6 foot 1 inch Cut 20-18 inch Discs.....	\$137.50
No. K. B. 718—7 foot 2 inch Cut 24-18 inch Discs.....	158.75
No. K. B. 818—8 foot 4 inch Cut 28-18 inch Discs.....	171.25

14-TOOTH COMBINED HARROW AND CULTIVATOR



This is a very useful tool, which can be made to do a variety of work. The teeth are set in different positions. Desirable for first cultivation. Price, with lever, \$9.00.

ORIOLE BENT FRAME CULTIVATOR

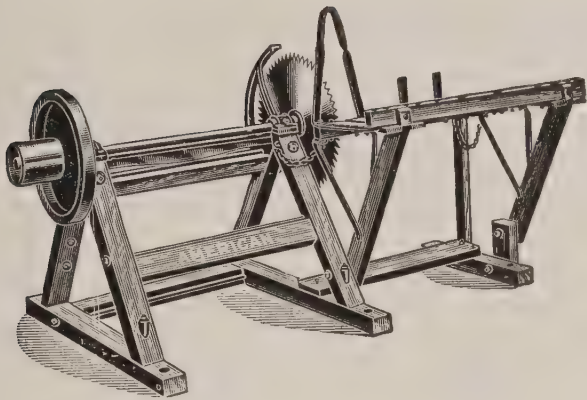
To those who desire a Cultivator a little lighter and lower-priced, we offer this one as a thoroughly reliable tool, from the standpoint of construction and material as well as working qualities.

Price \$7.50
With Lever \$8.50



SAW TABLES AND SAWS

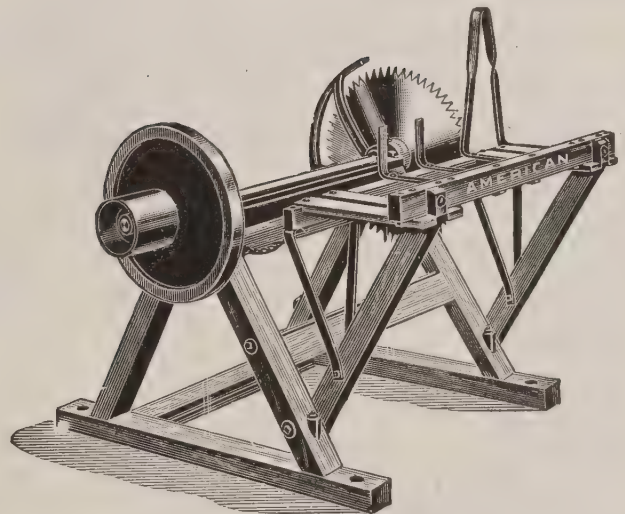
Richardson's
Griffith & Turner's
Wiseman-Downs'



No. 7 Cross Cut Saw

WOOD CROSS CUT SAWS

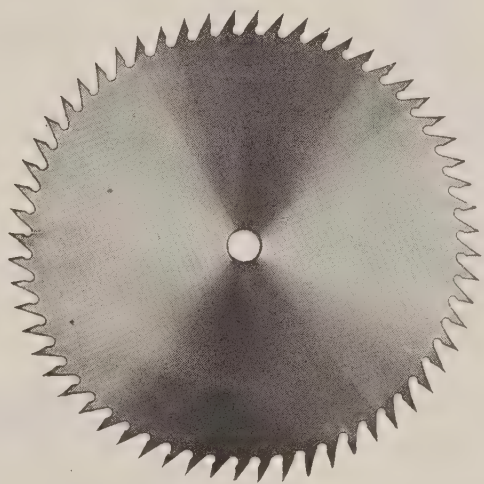
In the Nos. 5 and 7, we offer exceptional values. This is clearly visible to the user of a sawing outfit without looking into the machines further than the illustrations. It will be noticed that these machines are so equipped to meet every requirement for pole or cord wood sawing. The tilting, or extension table, is easily changed to any of the different positions illustrated. These machines are made of hard wood, mortised and tenoned and neatly fitted together. They are bolted and braced in the best possible manner, giving to them that strength and durability so essential to a machine of this character. The boxes are all babbitted. Nothing but first class materials and the best of workmanship enter into the construction of these machines, so that we do not hesitate to fully guarantee every one. Size of mandrel 52 inches long, 1-7-16th inches round. Balance wheels are 20 inches in diameter, weight 65 pounds. Pulleys are 6 inches in diameter, 6 inch face.



No. 5 Cross Cut Saw
Prices:

No. 7—Without Blade.....	\$35.00
No. 7—With 26-inch Saw.....	41.50
No. 7—With 28-inch Saw.....	42.00
No. 7—With 30-inch Saw.....	43.00
No. 5—Without Blade.....	32.00
No. 5—With 26-inch Saw.....	38.50
No. 5—With 28-inch Saw.....	39.00
No. 5—With 30-inch Saw.....	40.00

CIRCULAR SAWS



ONE MAN CROSS CUT SAW



3 foot, \$3.00 3½ foot, \$3.50 4 foot, \$4.50

STEEL WEDGES—FOR SPLITTING WOOD

Weight	Prices
3 pounds.....	\$.54 each
4 pounds.....	.64 each
5 pounds.....	.72 each
6 pounds.....	.80 each

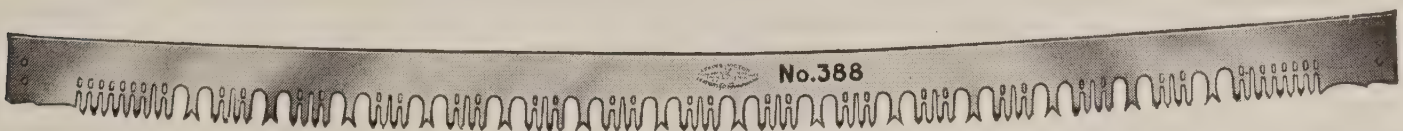
26-inch—1¾ hole.....	\$6.50
28-inch—1¾ hole.....	7.00
30-inch—1¾ hole.....	8.00
32-inch—1¾ hole.....	9.00

WIDE BLADE CROSS CUT SAWS



5 foot, less Handles.....\$4.50 6 foot, less Handles.....\$5.00
Handles, per pair......75

NARROW BLADE CROSS CUT SAWS



5 foot, less Handles.....\$3.50 6 foot, less Handles.....\$4.00
Handles, per pair......75

ALL PRICES F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

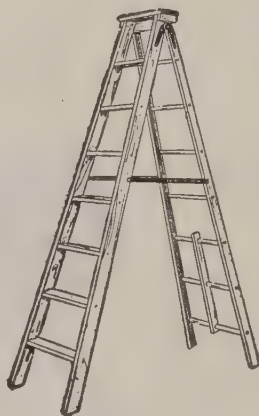
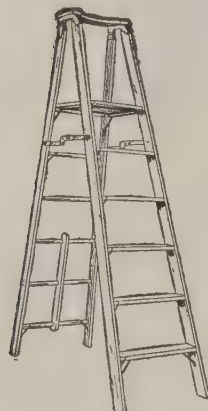
GRIFFITH & TURNER, 124 N. Paca St.—Saratoga 2300-2301

THERE'S A TILLEY LADDER FOR EVERY NEED

ELECTRICIAN'S STEP-LADDER

A combination Step-Ladder and Trestle. The rounds in the back are 1 1/8 inches in diameter.

6 ft....\$ 6.30	12 ft....\$12.60
8 ft.... 8.40	14 ft.... 16.65
10 ft.... 10.50	16 ft.... 19.00



TROJAN STEP-LADDER

For all uses, light, strong and stiff. A combination cold-rolled steel knee, tie and angular brace under end of each step, which forms a positive tie support and angular brace. Pail rests on all Trojan Ladders of four steps and over.

This light, sturdy ladder is so well adapted for so many purposes that it has always been the best seller. The favorite with painters, janitors and for general household duty.

3 ft.....\$2.50	6 ft.....\$4.95
4 ft..... 3.30	8 ft..... 6.60
5 ft..... 4.15	10 ft..... 8.25
12 ft.....\$9.90	



PLATFORM STEP-LADDER

Built for safety and durable service. Safety platform is 14x18 inches, reinforced with steel.

Heavy	Heavy
No. 6 4 ft. \$11.55	No. 14 12 ft. \$22.75
No. 8 6 ft. 14.35	No. 16 14 ft. 24.85
No. 10 8 ft. 17.50	No. 18 16 ft. 26.95
No. 12 10 ft. 20.65	No. 20 18 ft. 29.00

Note: Height given is from ground to platform.



OMEGA STEP-LADDER

A tripod Step-Ladder particularly adapted for orchard work, fruit-picking, and for use on uneven ground. All flat steps. Easy to stand on and easy to move. Folds up compactly.

6 ft.....\$4.20	10 ft.....\$7.70
8 ft..... 5.60	12 ft..... 9.25

WINDOW BRACKETS

No. 1—4 ft., 4 in. ....\$3.40
No. 2—6 ft.... 9.80



BUMPER



BUMPERS

Bumpers for stages, without hooks.....\$2.80
Bumper Hooks, with nuts and washers..... 3.15

STURDY SINGLE LADDERS

Exceptionally well built. Width of ladder is nicely tapered. Light, strong, and sturdy. Good quality spruce.

10 to 16 ft.....	48c per ft.
18 ft.....	49c per ft.
Ladder Rungs.....	12c

ALL PRICES F.O.B. BALTIMORE
SUBJECT TO CHANGE WITHOUT NOTICE

TILLEY WINDOW-CLEANERS' LADDER

A very convenient Ladder for window-cleaning purposes or where a Ladder has to be carried from one place to another. It is made in sections, which makes it convenient to handle. All sections are fitted into each other.

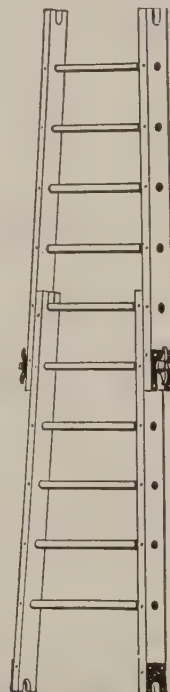
These Ladders are made in 6 foot lengths.

Top Section.....	\$3.50
No. 2—Middle section.....	3.25
No. 3—Bottom section, 6 ft. 3 in.....	3.25



TILLEY SECTIONAL LADDER

Made in 6 foot sections, each end protected with iron plates and equipped with large bolts with thumb-nuts, making them safe and durable. Hickory rungs. Sections 6 ft. 5 in. \$4.55.



ROOF AND GUTTER HOOK



For hanging swinging stages or can be used for many other purposes; strong and durable.

Pair	
20 3/4 x 27 in.....	\$11.20
27 x 37 in.....	15.40
32 x 44 in.....	17.50
Tie-back Rings, extra.....	.75

FRUIT OR ORCHARD LADDERS

Open Top

12 to 16 ft.....	48c per ft.
20 ft.....	50c per ft.
24 ft.....	57c per ft.

CHOOSE TILLEY JACKS AND STAGES

Richardson's
Griffith & Turner's
Wiseman-Downs'

LIBERTY EXTENSION LADDER

A sturdy, good-quality, Extension Ladder for all general purposes. Equipped with rope hoist, malleable locks securely bolted to side. Side rails of air-dried select material. Regularly made with spread bottom.

	Spring Lock	Liberty
20 ft. (Two 10-ft. sections, extends to 17 ft.)	\$11.90	\$11.50
24 ft. (Two 12-ft. sections, extends to 21 ft.)	14.25	13.75
28 ft. (Two 14-ft. sections, extends to 25 ft.)	16.65	16.10
32 ft. (Two 16-ft. sections, extends to 29 ft.)	19.00	18.40
36 ft. (Two 18-ft. sections, extends to 33 ft.)	22.70	21.70
40 ft. (Two 20-ft. sections, extends to 36 ft.)	25.20	24.10
44 ft. (Two 22-ft. sections, extends to 40 ft.)	27.70	
58 ft. (Three sections, with locks and rope on top section)	44.80	
64 ft. (Three sections, with locks and rope on top section)	49.00	
Ladder Locks. Per pair	3.00	2.00

As we do not manufacture this merchandise, it is understood that no warranty of any kind, express or implied, is made by us with reference to fitness, merchantability or otherwise of the merchandise.

SPRING LOCK EXTENSION LADDER

Side rails of thoroughly air-dried selected material. Rungs are selected ash and hickory, with minimum diameter of 1-3/16 inches. All equipped with rope hoist and two improved automatic spring locks of soft malleable and cold-rolled steel, securely bolted to side rails.

CLEVELAND LADDER JACKS

\$7.50
Per Pair

EXTENSION TRESTLES

6 ft. (extending to 10 ft.)	\$16.10
8 ft. (extending to 14 ft.)	19.60
10 ft. (extending to 18 ft.)	22.40
12 ft. (extending to 22 ft.)	25.90
14 ft. (extending to 26 ft.)	29.40
16 ft. (extending to 30 ft.)	32.90
Cross Braces. Each	2.10

ADJUSTABLE SCAFFOLD JACKS

With Wing Nut Clamps

To properly scaffold a room, it requires 4 jacks on which planks can be laid, thus giving a safe platform to work on.

No. 6.	4 ft. (extends to 6 ft.)	\$ 9.10
No. 7.	5 ft. (extends to 8 ft.)	10.15
No. 8.	6 ft. (extends to 9 1/2 ft.)	10.85
No. 9.	7 ft. (extends to 11 ft.)	11.55
No. 15.	8 ft. (extends to 12 1/2 ft.)	14.00
No. 16.	10 ft. (extends to 16 ft.)	19.95
No. 17.	12 ft. (extends to 20 ft.)	23.80

EXTENSION PLANKS

These adjustable Planks are used by painters and decorators and are now a part of their equipment.

6 ft. (two sections, extends to 10 ft.)	\$6.30
8 ft. (three sections, extends to 14 ft.)	7.70
10 ft. (three sections, extends to 18 ft.)	9.10

SWINGING STAGE PLATFORM

Our Painters' Scaffolds are made from seasoned and selected stock. 20 in. wide.

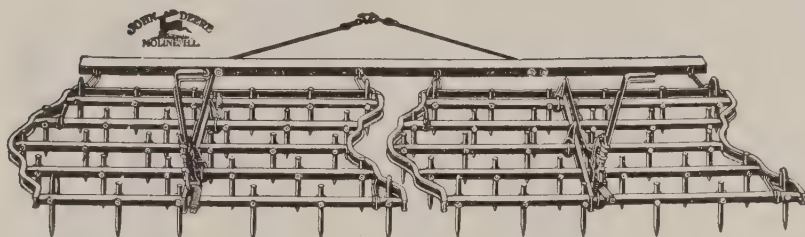
	Per Ft. With Floor	Per Ft. Without Floor	Tooth-pick Stage		Per Ft. With Floor	Per Ft. Without Floor	Tooth-pick Stage
10 to 16 ft.	\$1.15	\$0.84	\$0.87	24 to 30 ft.	\$1.54	\$1.05	\$1.30
18 to 22 ft.	1.30	.91	1.15	Reinforced, add per ft.	.21	.21	

All Prices F.O.B. Baltimore, Subject to Change Without Notice

JOHN DEERE SPIKE TOOTH HARROWS

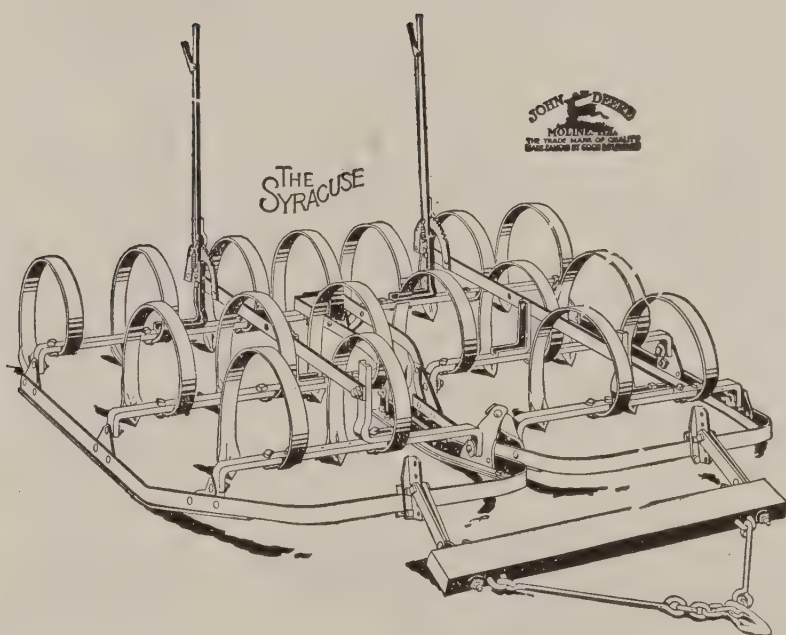
The John Deere Spike Tooth Harrows are designed and built to give the utmost in value—to do good work not only when new, but for many years. Built in sections with 25, 30 and 35 teeth to the section. $\frac{5}{8} \times \frac{7}{8}$ teeth.

50-Tooth, $\frac{5}{8} \times \frac{7}{8}$, Spikes Harrow, cut	7 ft. 3 in.....	\$22.95
60-Tooth, $\frac{5}{8} \times \frac{7}{8}$, Spikes Harrow, cut	8 ft. 9 in.....	25.70
75-Tooth, $\frac{5}{8} \times \frac{7}{8}$, Spikes Harrow, cut	10 ft. 11 in.....	36.55
90-Tooth, $\frac{5}{8} \times \frac{7}{8}$, Spikes Harrow, cut	13 ft. 1 in.....	40.80



SYRACUSE LEVER SPRING TOOTH HARROW

The frame bars of angle steel, thoroughly protected by steel shoes, which double the life of the harrow. Inside frame bars raised at the end, giving free outlet to trash. Frame with small opening in front, absolutely preventing loading at this point, which is so common with other makes. The tooth bars are of channel steel journaled in the malleable brackets above the frame which gives the teeth high support and great range or adjustment for depth of cultivation and clearance. Spring teeth of high carbon steel, without bolt holes, and held by malleable holders, allowing for separate adjustment when worn. By use of the levers the teeth can be readily set deep or shallow, or can be thrown out of the ground to clear off trash and for dragging harrow from one place to another. Central and direct draft without side motion; adjustable hitch, so that the teeth at the front and rear can be regulated to work at the same depth. No spring-tooth harrow made is giving such universal satisfaction.



ALL PRICES ON IMPLEMENTS AND
REPAIRS F.O.B. BALTIMORE, SUB-
JECT TO CHANGE.

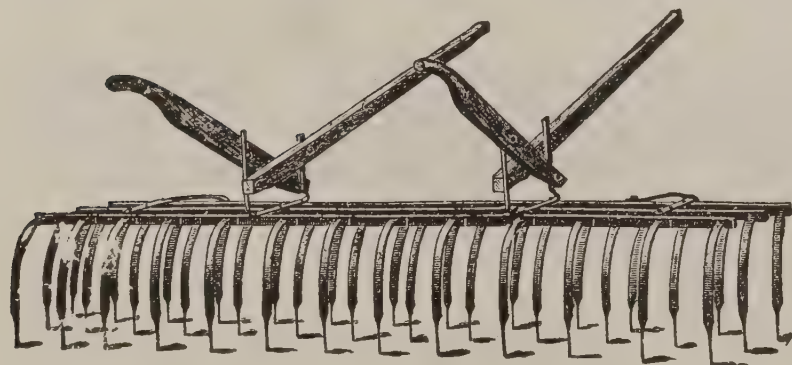
Prices:

15-Tooth	\$27.00
17-Tooth	28.50
23-Tooth	40.50
25-Tooth	42.00

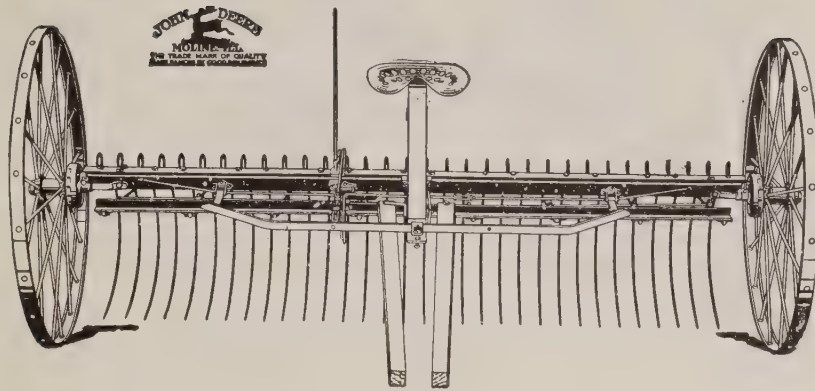
QUADRUPLE WEEDER

This tool has been adopted and passed upon favorably by many of the most practical farmers.

7½ foot wide—39 teeth.....	\$14.00
Extra Teeth	each .30



JOHN DEERE SELF-DUMP STEEL HAY RAKES



In light or heavy hay, while raking into windrows or bunching—in all conditions—the John Deere Self-Dump Sulky Rake does a clean job of raking and dumps easily. Even in exceedingly rough ground, it is giving remarkable satisfaction to users the country over. Its better performance makes a place for it on every farm.

One trip across the field on the John Deere will convince you that there's a big difference in sulky rakes. It will also make you realize, beyond all doubt, that the John Deere has the features for which you have long been looking—clean raking and ease of operation in varying conditions, and a sturdiness that means long life.

Prices:

8 Foot—24 Teeth with Singletree.....	\$50.25
9 Foot—28 Teeth with Singletree.....	53.25
10 Foot—32 Teeth with Pole Extension....	56.50
12 Foot—40 Teeth with Pole Extension....	64.25

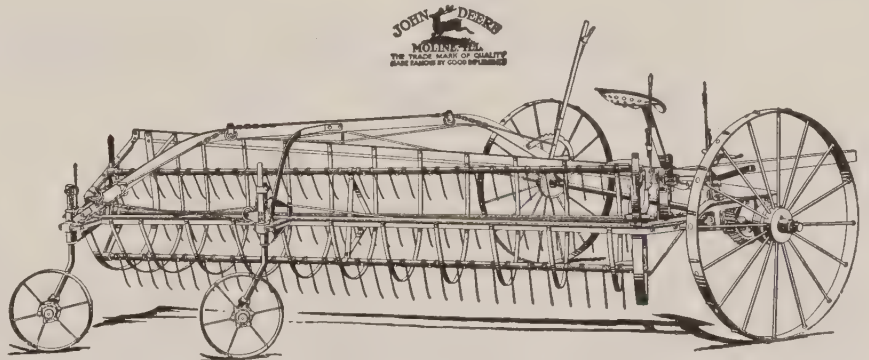
JOHN DEERE SIDE-DELIVERY RAKE WITH FLOATING CYLINDER

The smooth, flexible motion of the floating cylinder causes the hay to be "floated" into loose, fluffy windrows. The hay is handled more gently than it possibly could be with a rigidly-mounted cylinder, the windrows are more open and airy to permit the rapid evaporation of moisture by the free circulation of air, more of the leaves are saved, and the color is preserved, resulting in a higher quality of hay.

A Simple, Labor-Saving Method

Making hay with the aid of the John Deere Side-Delivery Rake requires but little more effort than driving a team or a tractor.

One man with this rake does all the work which, in the days of hand rakes and pitchforks, required the efforts of a small army of men and women, boys and girls.



Prices:

No. 553 System Left Hand 3 Wheel.....	\$129.00
No. 554 System Left Hand 4 Wheel.....	138.00
Fourth Wheel Attachment for side rake.....	10.20
For Grease Gun, add.....	2.00
For 2 Horse Evener and Neck Yoke, add.....	3.75

JOHN DEERE RAKER BAR AND CYLINDER HAY LOADER



Full-Floating Gathering Cylinder

This is the only loader that has the full-floating gathering cylinder used in combination with the raker-bar elevation. The floating cylinder is not a new idea on a John Deere loader. This feature was first introduced 45 years ago on the John Deere Double-Cylinder Loader and, since then, has been largely responsible for the success of John Deere Loaders. It is especially valuable when the loader is used with tractor. Because the flexibly-mounted cylinder floats, it automatically adjusts itself to the uneven ground surfaces and gets all the clean hay regardless of how rough the field may be. Once the cylinder is adjusted for the volume of hay to be gathered, it isn't necessary to make further adjustments in the field to take care of variations in the ground surface—the self-adjusting spring-mounted cylinder takes care of that. No time is wasted by the tractor operator in getting off and on the tractor to make adjustments in the field, as he would if the cylinder were rigidly mounted. The result is better work and cleaner raking without the teeth digging in.

The special springs which control the opening at the lower end of the compressors give the proper pressure to both large and small quantities of hay as it is delivered to the carrier.

Price:

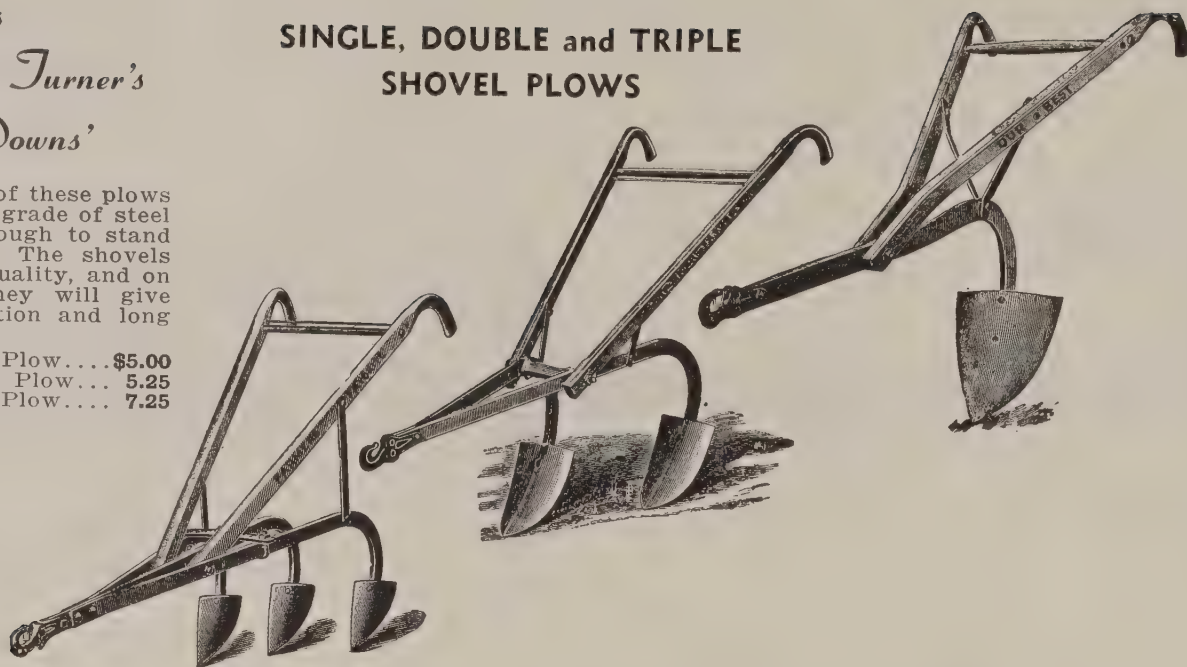
No. A 306—6 ft. Combination Loader with Forecarriage	\$161.50
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Richardson's
Griffith & Turner's
Wiseman-Downs'

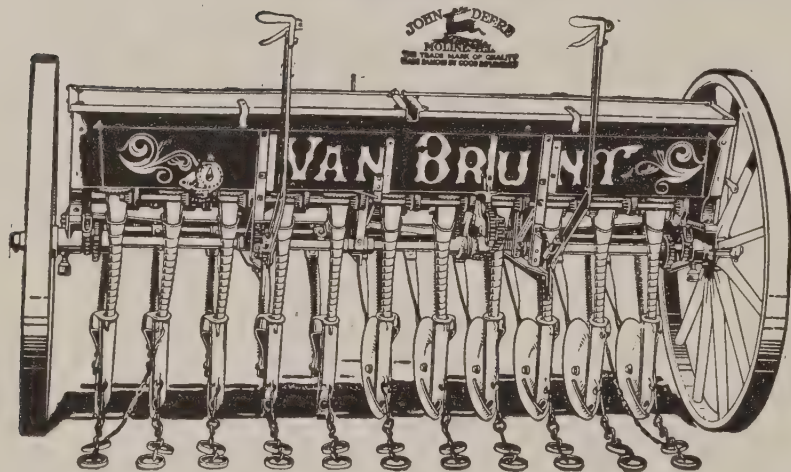
SINGLE, DOUBLE and TRIPLE
SHOVEL PLOWS

The beams of these plows are of a good grade of steel and heavy enough to stand severe work. The shovels are of good quality, and on the whole, they will give good satisfaction and long service.

Single Shovel Plow....\$5.00
Double Shovel Plow... 5.25
Triple Shovel Plow.... 7.25



VAN BRUNT MODEL F FERTILIZER AND GRAIN DRILL



Furnished With Wood or Steel Wheels

Sizes—7-inch feeds; 9, 10, 11, 12, 13, 16 discs, shoes or hoes; 8-inch feeds; 6, 8 discs, shoes or hoes.

Seed is Covered Properly—Rapid Growth is the Result.

Every kernel or seed is conveyed by metal tubes from the feed to the bottom of the furrow before any soil can drop back. The seed beats the dirt. The Van Brunt Disc Drill boots make this possible. They are brought forward so that they lie entirely within the surface of the disc. The seed passing through does not come in contact with the upturning disc surface.

DISC DRILLS

8x8 Single Disc, 1 pole, 2-h. hitch, W. W. 227....	\$153.00
9x7 Single Disc, 1 pole, 2-h. hitch, W. W. 227....	162.00
10x7 Single Disc, 1 pole, 2-h. hitch, W. W. 227....	170.75
10x8 Single Disc, 1 pole, 2-h. hitch, W. W. 227....	174.50
11x7 Single Disc, 1 pole, 2-h. hitch, W. W. 227....	181.00
12x7 Single Disc, 1 pole, 2-h. hitch, W. W. 227....	188.75
8x8 Double Disc, 1 pole, 2-h. hitch, W. W. 227....	164.50
9x7 Double Disc, 1 pole, 2-h. hitch, W. W. 227....	175.00
10x7 Double Disc, 1 pole, 2-h. hitch, W. W. 227....	185.00
10x8 Double Disc, 1 pole, 2-h. hitch, W. W. 227....	189.00
11x7 Double Disc, 1 pole, 2-h. hitch, W. W. 227....	196.75
12x7 Double Disc, 1 pole, 2-h. hitch, W. W. 227....	206.50

SPRING TRIP SHIFTER HOE TYPE

8x8, 1 pole, 2-horse hitch, W. W. 227.....	\$147.75
9x7, 1 pole, 2-horse hitch, W. W. 227.....	156.00
10x7, 1 pole, 2-horse hitch, W. W. 227.....	164.25
10x8, 1 pole, 2-horse hitch, W. W. 227.....	168.00
11x7, 1 pole, 2-horse hitch, W. W. 227.....	173.50
12x7, 1 pole, 2-horse hitch, W. W. 227.....	181.00

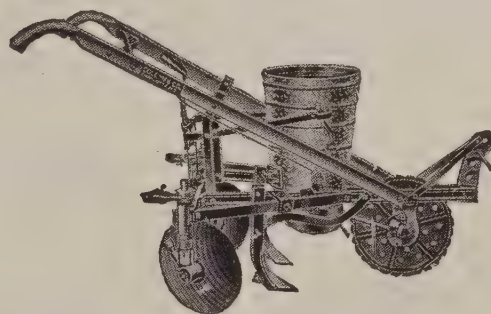
GRASS SEEDING ATTACHMENT EXTRA

GRASS SEEDING ATTACHMENTS EXTRA

8 x 8.....	\$8.85
9 x 7.....	9.35
10 x 7.....	10.10
10 x 8.....	10.85
11 x 7.....	11.35
12 x 7.....	11.85

For tractor hitch in lieu of horse hitch, deduct 3.00

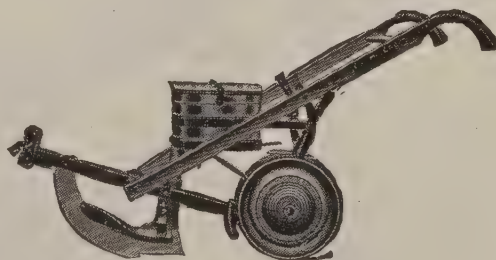
COLE "LABOR-SAVER" PLOW AND FERTILIZER DISTRIBUTOR



Remember this: The Cole puts out the fertilizer, mixes it with the soil, and makes a bed ready for the planter in one trip.

No. 60—With Shovels.....	\$25.00
No. 61—Less Shovels.....	23.50
Ridge Board with Spring.....	2.00

COLE PLAIN-VIEW PLANTER

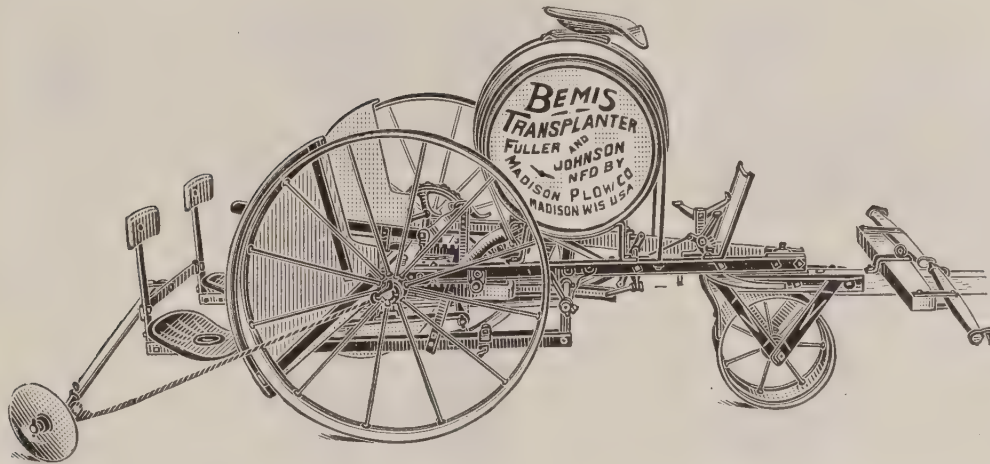


The Cole Plain-View Planter is the most wonderful invention in Seed Planters. Most accurate and reliable Corn Planter ever made.

No. 11—Plain Planter.....	\$24.00
No. 12—With Fertilizer Attachment.....	29.00

ALL PRICES F.O.B. BALTIMORE
SUBJECT TO CHANGE

BEMIS TRANSPLANTER



Horse or Tractor Drawn

This machine has revolutionized tobacco setting, as there are now practically no large tobacco growers in the United States who set their plants by hand. It is also extensively used by market gardeners, nurserymen, etc. The supply of water can be regulated as conditions require.

PLANT SETTERS

Will Help You Grow Bigger—
Better Crops

For setting Tobacco, Cabbage, Sweet Potatoes, Cauliflower, Peppers, Egg Plants, Etc.

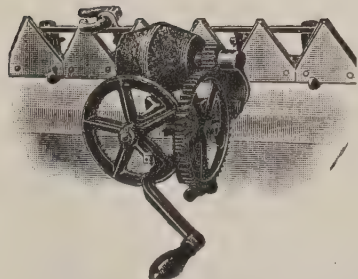
These planters have an automatic trigger which opens the water valve automatically as the lever is pulled. The valve remains open long enough to release the proper amount of water. Brass bearings on all moving parts prevent rust and give longer life.

Masters, Price Each.....\$5.75

Owen, Price Each.....\$5.75



SICKLE AND TOOL-GRINDER



A simple, compact, and serviceable hand-power Sickle and Tool-Grinder. Can be clamped either to a mower wheel or to a bench. The tool is 4½x1¼ inches.
With Bevel and Flat Tool Wheel.....\$7.00
Bevel Wheel as an extra.....1.50



CANNON BALL DOOR HANGERS

No. 1068. Cannon Ball Adjustable Barn Door Hanger. Has roller bearings, flexible joint, tandem wheels, underslung carriage, lateral and vertical adjustments. For doors from 1¾ to 2½ inches thick, and up to 400 pounds in weight.....\$3.10 per pair

TRACK BRACKETS.

Not included in price of hangers.

Track Brackets, Joint and Center.....25c each

Track Brackets, End.....20c each

Cannon Ball Track. In 4-, 6- or 8-ft. lengths.....25c per ft.

No. 1061. Cannon Ball Jr. Barn Door Hanger. Tandem roller-bearing machined wheels; heavy one-piece door strap, for doors weighing up to 250 pounds, and 2 inches thick.....\$1.65 per pair

Cannon Ball Jr. Track. In 4-, 6- and 8-ft. lengths.....18c per ft.

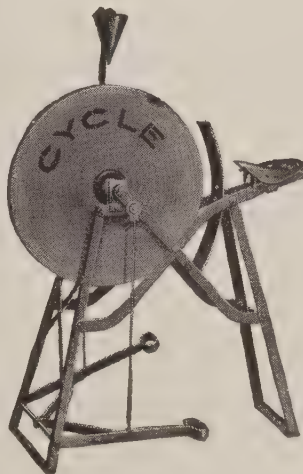
Jr. Track Brackets, Joint and Center.....15c each

Jr. Track Brackets, End.....15c each

GRINDSTONES

No. 115 Steel Frame, anti-friction ball bearings. Steel axle. Bushings hold stone securely to axle. Good grade Ohio stone. 20 inches in diameter. Thickness 1¾ to 2 inches. Price \$9.00.

No. S155 Samson Wood Frame. Equipped with treadle and crank for hand or foot power. Dimensions of stone 23 to 24 inches x 2 to 2½ inches. Weight 70 to 80 lbs. Price \$11.75.



ALL PRICES F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

WISEMAN DOWNS CO., 34 E. Pratt St.—PLaza 3895-3896

Richardson's
Griffith & Turner's
Wiseman-Downs'

Prices:

With one Wheel Foretruck and Steel Barrel.

No. 1 Press Plates, runner...\$110.00

No. 2 Press Wheel, runner... 110.00

Fertilizer Attachment O. S... 22.50

Fertilizer Attachment N. S... 30.00

2-Wheel Front Truck..... 14.50

1-Wheel Front Truck..... 12.50

2-Wheel Front Truck instead

regularadd 2.50

Press-Wheel Attachment as

extra 9.00

Check Row Attachment..... 29.00

Steel Stub Pole for Tractor

Hitch 4.00

Improved Tiger and Dayton Transplanters, also complete line of repairs. Write for Prices.

THE MYERS O. K. HAY UNLOADER, TRACK, FORKS, AND FIXTURES

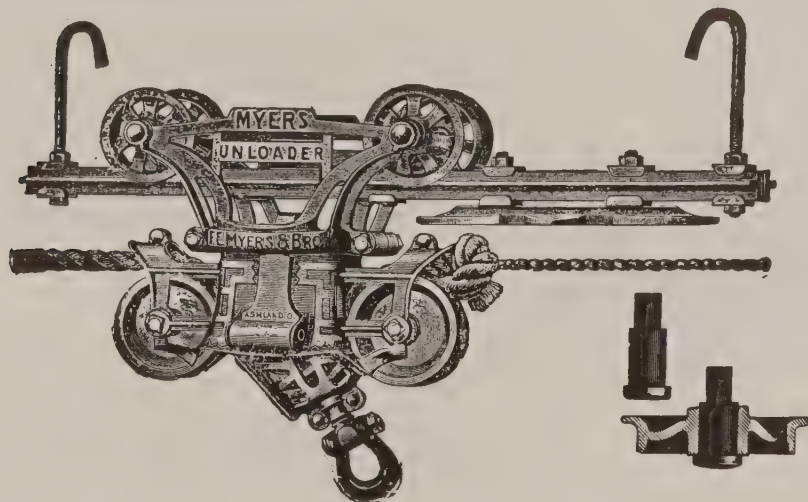


Fig. 2

Patent Double-Lock Hay Unloaders, Patent Steel Tracks, Slings, Forks, Pulleys, Etc.

We give the above view of Myers Hay Unloader to be used on Myers Double-Angle Steel Track. This is the latest and best hay carrier, and it embodies all the features of the Straight Reversible and Swivel Reversible Carrier and has many advantages over any other machine on the market. It is fitted with the Myers reliable double



Fig. 3



Fig. 8

Fig. 7



Fig. 4

lock, which engages the fork pulley on each side, thus insuring a perfect locking device. The construction insures a satisfactory working carrier under all conditions. The track wheels have turned steel axles, and weight is carried in center of wheel; the rope sheaves are fitted with wide hub and have longer bearings than any other make of carrier. For strength, simplicity, neatness of design and up-to-date features it is without a peer. **Price,** No. 201—\$13.25. No. 208—\$16.75.

No. 564A Star Hay Carrier.....\$13.25
No. 493A Star Hay Carrier..... 16.75

PULLEYS, HOOKS, ETC.

Rafter Brackets (Fig. 3), each.....\$.06
Steel Hooks (Fig. 4), each..... .21
Floor Hook, 5/8-inch, each..... .17
Swivel Rope Hitch..... .50
Plain Maple Sheave Pulleys, each..... 1.05
Knot-Passing Maple Sheave Pulleys (Fig. 8), each.. 1.05
Manila Rope, either 3/4 or 5/8-inch diameter, at market prices; about 5 feet to the pound.



Fig. 5

REGULAR DOUBLE-HARPOON FORK

The best known Fork.

No. 268—25 in. Tines.....\$3.50
No. 1314 Heavy—31 in. Tines... 4.50
No. 95 Star—25 in. Tines..... 3.50

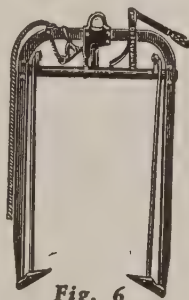


Fig. 6

1275 LOCK-LEVER FORK

Has 50 per cent more capacity than the regular Double Harpoon Fork on account of the cross-bar being nearer the top. Operated with one lever. Price, \$8.00.



MYERS PATENT STEEL TRACK



The style of this Track is here illustrated. It is made of two T carbon rails, very hard and stiff. Note the manner of clamping it together so that the two joints do not come opposite each other. A wrench only is needed to put this Track together.

Star Track, per ft.....\$27 1/2

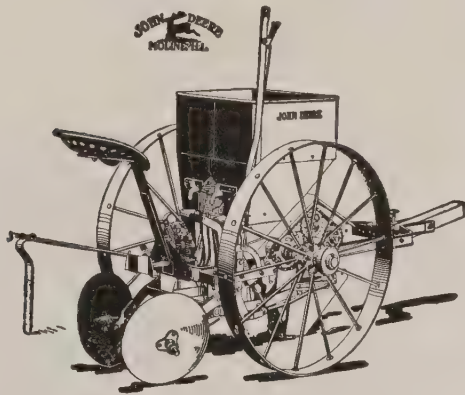
MYERS ADJUSTABLE COMPRESSION GRAPPLE FORK

Made of High Carbon, Heat Treated and Oil Tempered Heavy Spring Steel. Closes and locks itself before returning to the load. Has 26-inch tines. These forks are unlike any other inasmuch as they are not only balanced at all points, but in addition the natural pull on the trip rope closes the fork and locks it securely, thus returning it to the load all ready to enter the hay without any attention whatever from the operator as to setting the lock, etc. It is double braced throughout, making it very rigid and strong.

Prices:

No. 1B—Four Tine—Opens 77 inches—26 in. Tines.....\$13.80
No. 2B—Four Tine—Opens 93 inches—32 in. Tines..... 14.90
No. 526 Star—Four Tine—Opens 77 inches—26 in. Tines..... 13.80
No. 532 Star—Four Tine—Opens 93 inches—32 in. Tines..... 14.90

JOHN DEERE POTATO PLANTER

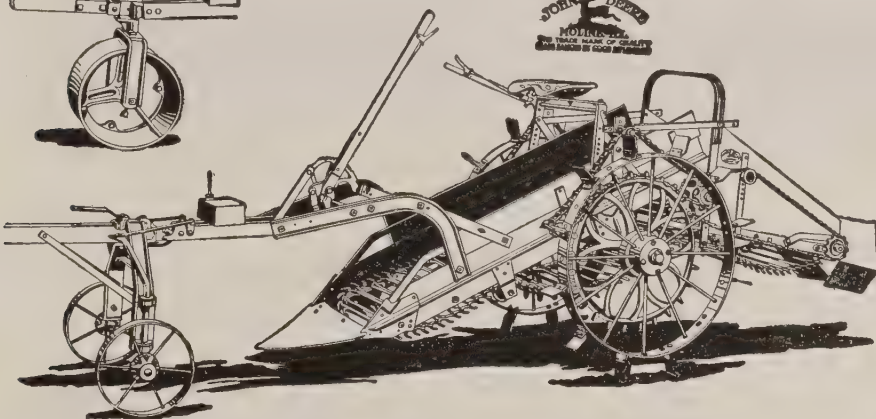
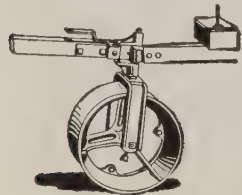


One Row

With Steel Drive Wheels—Covering Disk Assembly—Seat and Spring 13" and 15" Spacing Sprockets—Scratch Marker, Pole, Neck Yoke and Zerk Fittings without Zerk Gun or Evener.

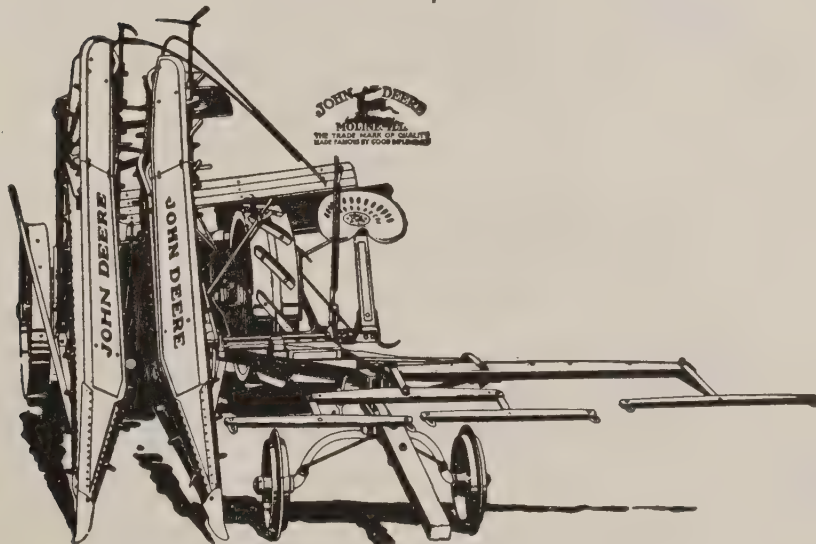
No. 112—Plain Planter\$132.50

No. 112H—Planter with Fertilizer Attachment.... 172.50



JOHN DEERE CORN BINDER

Famous For Its Better Work Under
Difficult Field and Crop Conditions



Positive Delivery of Stalks to Binding Attachment

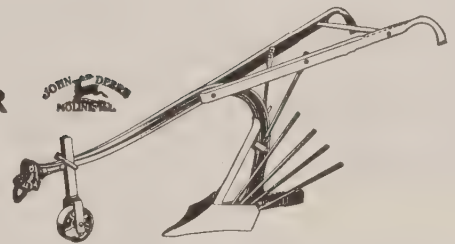
Lodged and tangled corn is readily picked up by the gatherers. The gatherers are wide at the points and can be accurately set at any desired distance from the ground.

As the corn enters the gatherers, four chains carry the corn to the binding attachment. In addition, two top gather chains with long lugs help to keep the tops straight and assist in forming well-shaped bundles. The two steel throat springs, adjusting themselves to any volume of corn, hold the corn into the chains.

The butt chain is equipped with long, wide folding lugs that extend across the throat of the machine and prevent the butt end of the stalks from lagging.

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

ECLIPSE POTATO DIGGER



The Eclipse is a moderate-priced potato digger that is being widely used with great success. The rod mould-board frees the potatoes from dirt and leaves them where they are easy to see and pick up. Extra high clearance in throat of beam. Strong steel blade scours and wears well. Gauge wheel regulates depth. Adjustable handles. Steel beam.

AWD-1—Price Complete with Gauge Wheel.....\$21.75

JOHN DEERE-HOOVER POTATO DIGGER

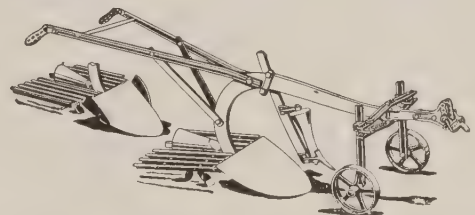
Growers everywhere know the reputation of the John Deere-Hoover Potato Digger for great strength and long service, its efficient performance in any field condition, and its ability to deliver the potatoes dirt free with the least possible mechanical injury.

No. 622C—6 ft. 22 in. Extension Elevator, with 4-horse evener.....\$175.25

No. 724C—7 ft. 24 in. with continuous elevator and 4-horse evener..... 196.75

Prices on other sizes furnished on application.

SHAKER POTATO DIGGER



Steel beam. Natural temper steel blades. Provided with weed fender and gauge wheel. The Shaker Digger has a perfectly flat blade and will not cut the potatoes. The rod grating is hinged at the front and is given an up-and-down shaking motion by the sprocket wheel at the rear. This shakes the dirt off from the tubers and leaves them clean and whole on top of the ground.

AWD-3—With Gauge Wheel and Weed Fender \$24.75

AWD-7—With Gauge Wheel and Forecarriage 27.25

Forecarriage, Extra 4.25

This combination carries the corn in the easiest and most positive manner to the binding attachment, with minimum loss of ears.

Prices:

Corn Binder with Pole Attachment, 2-H.....\$259.00

Corn Binder with Pole Attachment, 3-H..... 261.75

Corn Binder with Tongue Truck, 3-HH..... 280.00

With No. 1251 Tractor Hitch and 1252 Connection. 258.75

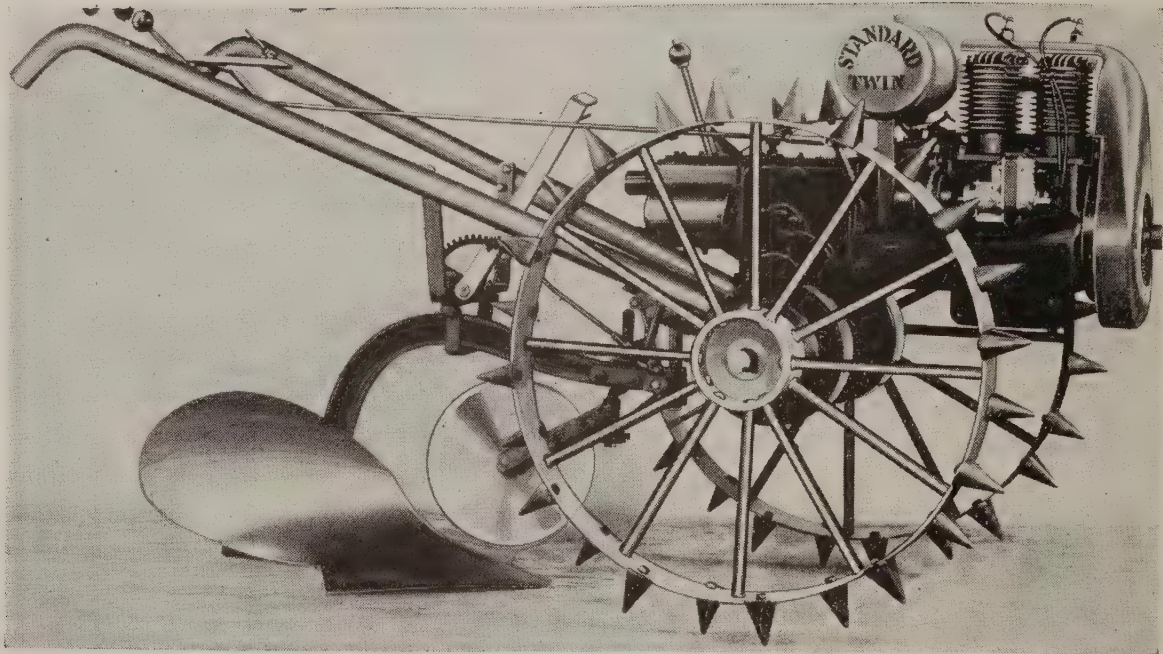
Regular Power Bundle Carrier with Binder, add.. 15.85

Bundle Elevator 91.00

ALL PRICES F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

WISEMAN-DOWNS CO., 34 E. Pratt St.—PLaza 3895-3896

STANDARD
GARDEN
TRACTOR



The illustration shows the "TWIN" with plowing attachment.

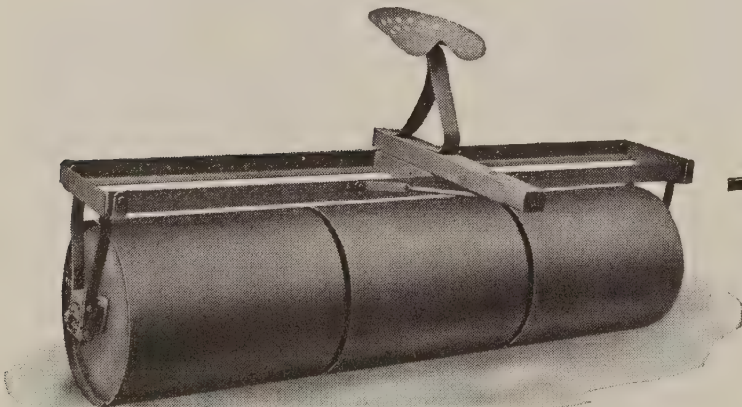
The Standard "Twin," with its 2 cylinders, 2 speeds and 5 H.P. engine, is built for the man with the larger acreage or extra severe conditions, who needs that excess capacity which only 2-cylinder power can give.
5 H.P. Engined "TWIN," Model Standard Tractor—with high tension magneto ignition, power turn, and cultivating equipment.\$387.50
PLOWING EQUIPMENT, complete.....\$34.50
Special Tractor Wheels, equipped with Pneumatic Tires, instead of regular wheels
With 5.50-18 tires (29 inch Outside Diameter)...\$31.00
With 7.50-18 tires (33 inch Outside Diameter)... 46.00
The Standard "MONARCH," powered with the Standard-built 3½-H.P., 1-cylinder, heavy duty engine.
3½ H.P. Engined, "MONARCH" Model Standard Tractor

—with high tension magneto and cultivating equipment.\$275.00
PLOWING EQUIPMENT, complete.....\$22.50
Special Tractor Wheels, equipped with Pneumatic Tires, instead of regular wheels
With 5.50-18 tires (29 inch Outside Diameter)...\$31.00
The "WALSH" Model, with Standard-built 2½-H.P., 1-cylinder engine.
2½ H.P. Engined "WALSH" Model Standard Tractor—with battery ignition system and cultivating equipment.\$185.00
PLOWING EQUIPMENT, complete.....\$27.50
Special Tractor Wheels, equipped with Pneumatic Tires, instead of regular wheels
With 4.00-18 Tires (26 Inch Outside Diameter)...\$24.00

Prices Plus Freight from Minneapolis, Minn.

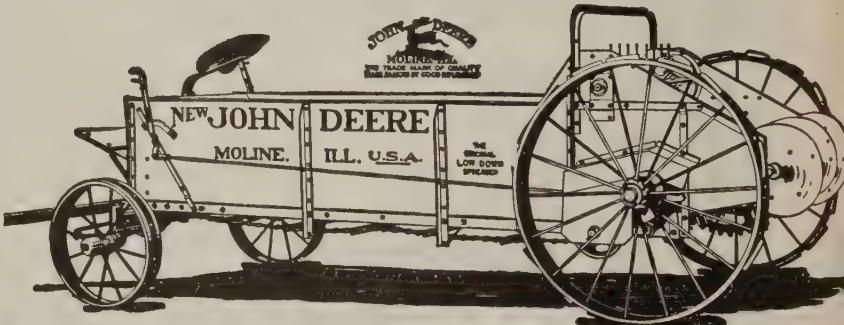
(Descriptive catalogue and prices of other equipment mailed upon request)

STEEL FIELD ROLLERS



No. 105½—Two Horse Roller. Width 96 inches. Diameter 24 inches. 2 sections. Steel drums.....\$45.00
No. 106½—Two-Horse Roller. Width 96 inches. Diameter 24 inches. 3 sections. Steel drums.....\$48.50
Eveners Extra.....\$2.75
Neck Yoke Extra.....\$1.50

NEW JOHN DEERE (MODEL E)
MANURE SPREADER



From the all-steel tongue to the wide-spread beater which won't wrap, the new John Deere Model E gives you everything you want in a spreader. Nothing has been spared in making it a better all-around value. A spreader that will give more years of profitable service on your farm.

Prices:

Model "E" with 2-horse eveners and neck yoke....\$185.00
Model "E" with 3-horse eveners and neck yoke.... 188.00
Model "E" with tractor hitch..... 185.00
No. 1389 End Gate Attachment as extra..... 10.90
No. 1484 Lime Sower Attachment..... 17.10
No. 1391 Tractor Hitch Deere 4-wheel standard tread tractor 8.30
No. 1473 Tractor Hitch for Deere Models "A", "B" and wide-tread tractors..... 8.55
No. 1094 Beater Hood Attachment..... 3.40
No. 1485 Ratchet Foot Brake..... 11.85

ALL PRICES F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

THORNHILL FARM TRUCK

A good truck; very strong; suitable for either farm or road work; 2-inch solid steel square axles; wood wheels, 40-inch rear and 36-inch front; 2x8½-inch box and with 3x¾-inch tires. It is made in both drop and slip tongue. Top or swing side and tail brakes furnished when ordered.

Equipped regularly with stationary stakes. Prices include single- and doubletrees, and chains for stiff tongue, and neck-yoke for drop-tongue Wagon.

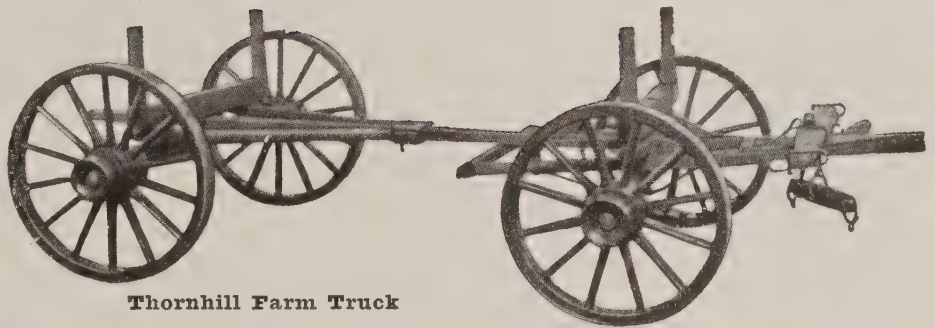
Be sure to state just what you want when ordering.

Farm Truck. With Slip Tongues....\$113.50

Farm Truck. With Drop Tongue.... 113.50

For any of the following extras, add to the above Wagon prices.

10-foot Body, with 24-inch Sides, no Seat	\$34.00
Body Brake Attachments.....	3.25
3x½-in. Tires	6.50
4x¾-in. Tires	9.75
Seat and Springs.....	7.00
Side Brake	10.00
Tail Brakes.....	15.00
Both Brakes, when ordered at same time	21.00

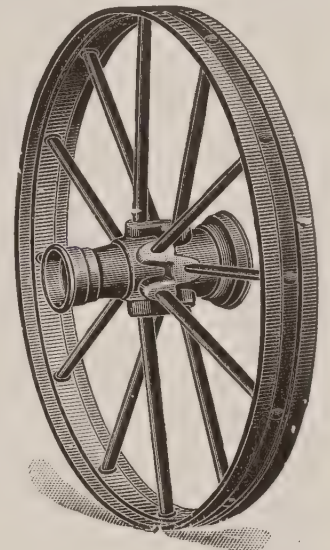


Thornhill Farm Truck

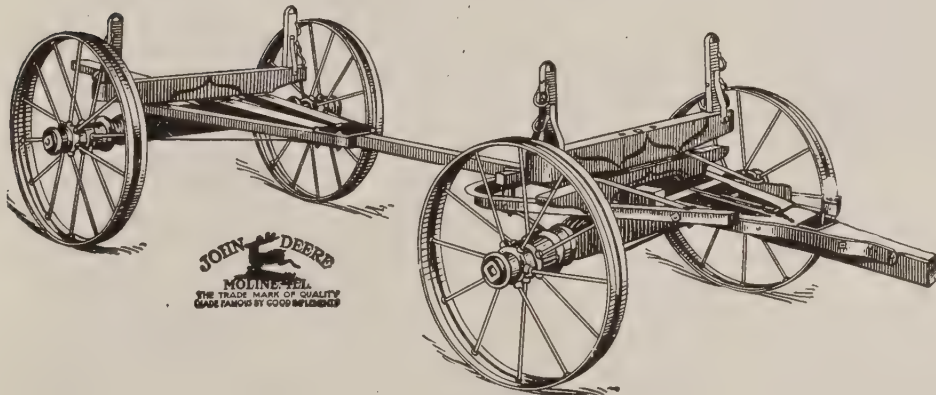
METAL TRUCK WHEELS

We carry Wheels in stock sizes 3¼x10. All other sizes will have to be ordered from the factory, according to measurements sent, at special prices. If measured wrong, we will not take the Wheels back. Wood Wheels and other sizes, prices on application.

Prices Per Wheel with 4x¾-in. Tires	
28-in.	\$7.30
32-in.	8.40



JOHN DEERE WAGON Built Up to a Guarantee



With Wood or Steel Wheels

Made from selected first-class hard wood. Hickory axles. The gears are rigidly braced, fully clipped over bolster and axle. Heavy round truss rods. The front hound is of heavy angle steel, reinforced with wide oak filler extending from point of hound to rear of axle and sandboard. Bolsters ironed full length on top and around ends; bolster stakes, 11 inches over all, farm wagon style, with rings and side braces. Heavy drop pole, with farm wagon style of pole cap. Skein, heavy truss pattern, carefully set with correct pitch. Size of skein 3¼ inches by 10 inches.

(With Drop Pole)

Prices:

With Steel Wheels—28 inches front, 32 inches rear, 4"x¾" Grooved Tires.....	\$65.00
With Wood Wheels—30 inches front, 36 inches rear, 3"x¾" Tires.....	82.50
With Wood Wheels—30 inches front, 36 inches rear, 4"x¾" Tires.....	87.25
If wanted with double trees and neck yoke, add to price \$5.60. For stiff pole, add \$5.55. Brake, extra \$3.85.	

No. 802 JOHN DEERE ALL-STEEL FARM GEAR

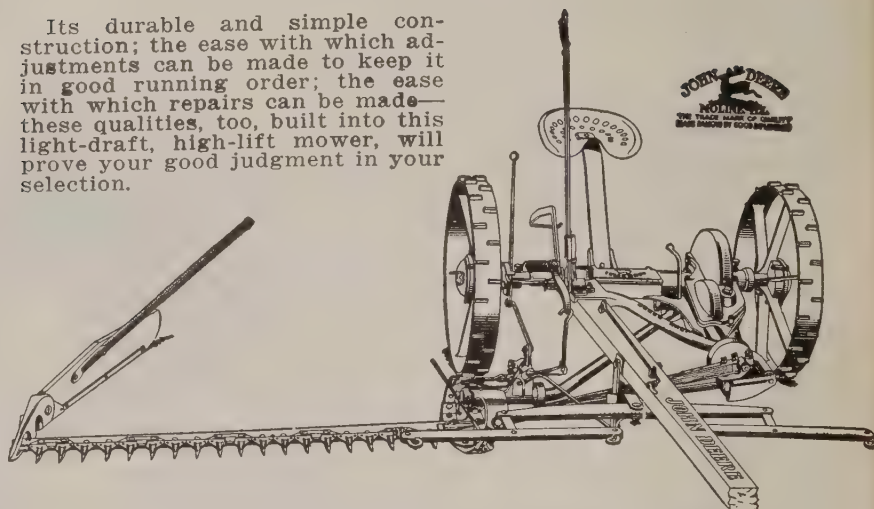
Low down Construction is one of the important advantages of this All-Steel Gear. The rated capacity is 4,000 lbs. but the maximum capacity is much greater. It is available in the standard 56" track or 60" wide track. By merely moving a bolt, you can telescope the reach to any length between 6 ft. 10 inches and 10 ft. 10 inches between bolsters. The tubular reach is exceptionally strong and adequately braced—front and rear axles are kept in perfect alignment at all times. Will not buckle when backing with a heavy load. The wheels run on removable steel sleeves. When worn, these sleeves can easily be replaced at small cost by the owner without

special tools. This feature is highly important. By simply replacing the old sleeves with new ones, the wheel bearing can be kept just as good as new. A round tubular-steel pole is furnished as regular equipment, bolsters are strongly built of one-piece high-carbon steel. Write for special pamphlet which describes the above more fully.

Size of Wheels	Tire	Price
28 x 32—Steel	4"	\$64.50
28 x 32—Steel	5"	66.00
28 x 32—Steel	6"	71.25

JOHN DEERE ENCLOSED GEAR MOWER

Its durable and simple construction; the ease with which adjustments can be made to keep it in good running order; the ease with which repairs can be made—these qualities, too, built into this light-draft, high-lift mower, will prove your good judgment in your selection.



JOHN DEERE ONE HORSE MOWER

The John Deere High-Lift One-Horse Mower is the same as the two-horse machine, except for its lighter construction, which fits it for one-horse work.

It is furnished regularly with shafts, and can be equipped with either a 3½- or 4-foot cutter bar.

Sizes 3½-ft., \$90.00; 4-ft. \$91.25.

Prices:

No. 3—4½ ft. cut, with pole, neck yoke and steel eveners	\$105.50
No. 3—5 ft. cut, with pole, neck yoke and steel eveners	106.50
No. 4—3½ ft. cut, with pole, neck yoke and steel eveners	106.25
No. 4—4½ ft. cut, with pole, neck yoke and steel eveners	108.75
No. 4—5 ft. cut, with pole, neck yoke and steel eveners	110.00
No. 4—6 ft. cut, with pole, neck yoke and steel eveners	112.75
No. 4—7 ft. cut, with pole, neck yoke and steel eveners	115.25

We Can Furnish Tractor Hitch for Heavy Duty Mower

BARRETT ROOFING

Dependable Roll Roofings
For Every Purpose
And Every Purse

There's a Barrett Roll Roofing definitely right for every purpose. If you want color on the roof, Barrett Mineral-Surface Roll Roofings surfaced with firmly embedded minerals in non-fading colors, red, green, blue-black, emerald green, Spanish red or variegated—provide a wide variety of styles to choose from. All are built to give just the sort of service they are recommended for—with a degree of certainty no other roofing equals.



Tomahawk Roofing

A low priced roofing of good value. 36 inches by 36 feet.
Weight Price
Light—35 lbs. per roll.....\$1.25

Panamoid Roofing

Good quality, medium-priced roofing, mica surfaced on both sides. 36 inches by 36 feet.
Weight Price
Medium—45 lbs. per roll.....\$1.75

Everlasting Roll Roofing

The standard of smooth-surfaced roofings, 36 inches by 36 feet.
Weights Price
Extra Heavy—65 lbs. per roll.....\$2.50
Heavy—55 lbs. per roll.....2.20



EVERJET PAINT

For Rust Prevention

1 gal.....\$.90 5 gal.....\$3.25

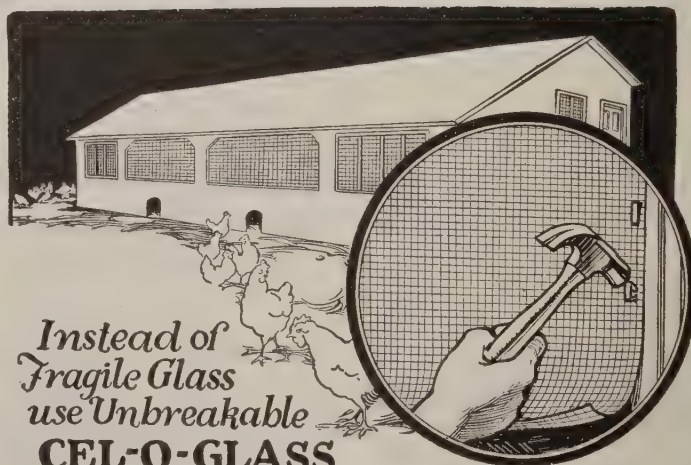
LIQUID ELASTIGUM

A durable, liquid roof-coating that gives new life to old roofs. 1 gal. 75c; 5 gal. can \$3.00.

Plastic Flexigum

A good quality water-proofing cement of Troweling consistency. 10 lbs. 95c; 50 lbs. \$3.75.

ROOF, BARN AND HOUSE PAINT
WRITE FOR PRICES



Instead of
Fragile Glass
use Unbreakable
CEL-O-GLASS

THE NEW UNBREAKABLE GLASS

It is the most economical and practical glazing material on the market. It replaces ordinary fragile—costly glass for nearly every purpose. It is made of coarse mesh galvanized wire cloth, treated in such a manner that the spaces between the strands are filled with a clear translucent flexible substance that will not rub off, peel or become brittle. It is not affected by weather conditions. 36 inches wide, 50c per running foot. 28 inches wide, 17c per square foot.

GALVANIZED STEEL STOCK TROUGHS



These Troughs will not rust or corrode and will not damage by freezing.

Length	Width	Capacity	
4 ft.	16 in.	24 gals.	\$11.00
6 ft.	16 in.	36 gals.	13.00
8 ft.	16 in.	48 gals.	15.00
10 ft.	16 in.	60 gals.	17.60
4 ft.	20 in.	40 gals.	13.00
6 ft.	20 in.	60 gals.	15.75
8 ft.	20 in.	80 gals.	18.25
10 ft.	20 in.	100 gals.	22.00

HEAVY CAST-IRON HOG TROUGHS

No danger of bursting in winter. 11 inches wide at the top, 2 inches at bottom, and 5 inches deep. Made from 2 to 8 ft. long. \$1.00 per ft.

ALL PRICES F. O. B. BALTIMORE
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ASEPTIC MILKING TUBES

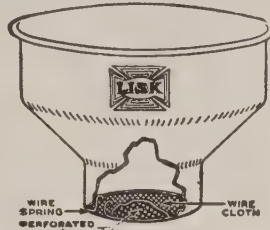


For Cows with Sore Teats

Insert one in the teat and the milk will flow.
Self-retaining25c

SANITARY MILK STRAINERS

Made from heavy steel pressed in one piece, has heavy removable perforated steel well-tinned discs, between which you use the Sanitary cotton filter pads. 12 qts. \$1.75.



MILK CANS

Seamless cover and neck. Bottom reinforced with steel band.

No. P2304—4-qt.....\$1.50
No. P2308—8-qt..... 2.00
No. P2312—12-qt..... 2.50

MILK PAILS

No. G314—14-qt.....\$1.10
No. P5214—14-qt..... 1.25
No. P7514—14-qt. seamless.... 2.75
No. P110W—10-qt..... .75



CEDAR CYLINDER CHURN



There are a number of Cylinder Churns on the market sold at a lower price, but they are made of pine or other inferior wood, while these are all of selected cedar, free of knots.

No. I—3-gal.\$5.25

WELLS, RICHARDSON & CO.'S BUTTER COLOR

The best Butter Color on the market. Small bottle, colors 500 lbs. 35c; large bottles 65c.



FLOATING DAIRY THERMOMETERS

60c Each

MILK BOTTLE CAPS

Package of 500 45c; postpaid.....56c
Package of 1000 80c; postpaid.....95c

PARCHMENT BUTTER PAPER

We handle only the very best quality cut in the following sizes: 6x9 for ½ lb. prints. 9x12 for 1 lb. prints. Per lb. 30c; by P. P. 38c; 5 pounds \$1.40; by P. P. \$1.52.

BULL RINGS

Copper 2½", 35c each; 3", 40c each.

Richardson's
Griffith & Turner's
Wiseman-Downs'

BAG BALM

For teat and udder ills and all farm healing, combines the virtues of a refined, medicated ointment with an exclusive, liniment-like oil that penetrates and promotes quick healing. For caked bag, cowpox, chapped, cracked and sore teats, bunches, chafing and inflammation. 60c.



CARBOLA

A white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. 5 lbs. (2½ gals.) 60c; 10 lbs. (5 gals.) \$1.00; 50 lbs. (25 gals.) \$3.50.

KOW-KARE

The concentrated tonic, conditioner and regulator to promote assimilation, aid low-cost milk production and build up vigor for calving. A small dosage daily is a valued aid in getting more milk from the same feed, and averting many ills that threaten loss of dairy income. Give Kow-Kare for a few weeks before and after calving and you will save many worries at this critical time. Small size 65c; large size \$1.25.



DR. BLACKMAN'S MEDICATED LICK A BRICK SALT BRICK

Price 25c each

SUGAR CURING MEAT SALT

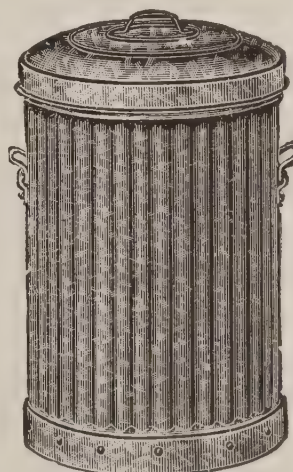
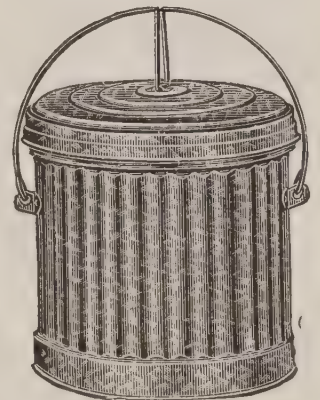
Sterling Sugar Curing Meat Salt is made from highest quality evaporated salt, brown sugar, salt-peter and spices, refined condensed wood smoke. It eliminates the necessity of smoking as a part of the cure.

10 lbs. will cure about 100 lbs. of meat.
10-lb. can.....\$1.00

GARBAGE CANS

Hot Dipped
Galvanized

No. 706—Bale Lock Cover,
6-gal.\$1.20
No. 710—10-gal..... 1.50



ASH CAN

With Cover
Dropside Handles
Hand Dipped
Galvanized
20-gal. Capacity

No. 720\$3.00

HANDY GALVANIZED PAILS

No. 1102—10-qt.....50c

SINGLE WALL FOUNTAIN

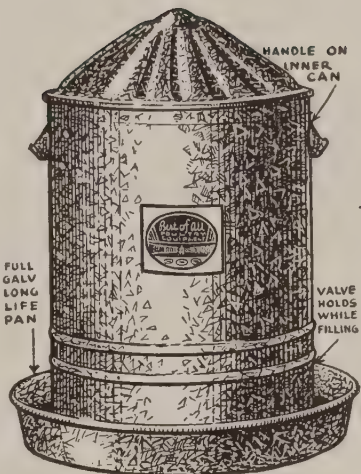
No. A3 Fountain. Capacity 2 gallons. \$1.00 each.

No. C3 Fountain. Capacity 3 gallons. Height 12½ inches, 11 inches diameter. \$1.50 each.

No. C5 Fountain. Capacity 5 gallons. Height 14 inches, pan diameter 15 inches. Extra strong throughout. Easy to use. Fine for broilers and hens. \$2.10 each.

DOUBLE WALL FOUNTAIN

No. K5 Fountain. 5 gallon; height 17½ inches overall; pan 15 inches diameter. Provides 48 inches drinking space for 90 hens. Inner tank has handle—no pan locks. \$3.20 each.



FEEDERS

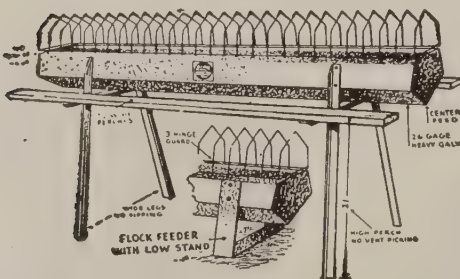


No. 6360—36". Stands permit quick adjustment of feeder as chicks grow. 4-blade red enameled reel floats on shouldered reel pins. Adjusts to three convenient positions according to chick size. Welded ends. 2" deep, 4" top width, 3" bottom width. 75c each.

No. 548—48". Extra Large Feeder with fully adjustable metal stands and adjustable 4-blade reel. Day old chicks to well past broiler age. Feeder trough 2½" deep. 4½" wide at top. ⅝" feed saving lip. Welded ends. \$1.30 ea.

No. 748—48". Chicks two weeks of age until finished broilers. Raise stands as chicks grow. Extra large capacity steel trough. 6½" top width, 3" depth, 1" feed saving lip, no rough edges. Hinged grill, wires spaced 1½" on center. Welded ends. \$1.65 each.

FLOCK FEEDERS



No. 350 Flock Feeder. Capacity 40 lbs. or 1½ bu. Trough 9" wide, 4½" deep, 1" feeding lip. Mounted on 9" channel steel legs. Length 5 ft., fitted with wire grill. \$2.95 each.

No. 25S Flock Feeder. Same as No. 530 except it is mounted on 16" legs. Serves 60 hens. \$3.90 each.

Brower's Big Capacity Mammoth Flock Feeder

Trough is made of 26 ga. galvanized steel, 11 inches wide at center and 6 inches deep. Double 1 inch flange at top of feeder prevents hens from billing out and wasting feed.

Furnished with partition, making two compartments. Partition also makes the trough more rigid, eliminating brace on side.

Roost-proof wire grid is made in two sections and hinged for easy cleaning and filling.

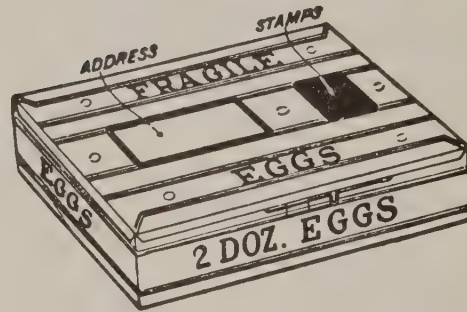
BIG CAPACITY—LOW IN PRICE

No. 278—Length 8 ft.; mash capacity 3 bu; hen capacity 75-100 hens; feeding spaces 33 on side; wt. each 30 lbs. \$7.10 each

DOUBLE UNIT WAFER THERMOSTATS

No. 297—3 inches. 30c Each
No. 298—4 inches. 45c Each
No. 299—5 inches. 55c Each

PARCEL POST METAL EGG CRATES



1-doz. size.. \$1.00
 2-doz. size.. 1.50
 3-doz. size.. 1.75
 4-doz. size.. 2.00
 6-doz. size.. 2.50

BOXES FOR FRESH EGGS

This is not a parcel post or express box, but is intended for counter and private use. **Eagle Egg Boxes.** Three rows for 12 eggs. 100 for \$1.25. Carton of 250 for \$2.75. 1000 for \$10.00.

EGG PRESERVATIVE (Water Glass)

1 quart will make three gallons solution, sufficient to preserve twenty dozen eggs. 1 qt. can 40c; 1 gal. can \$1.00.

TOXITE

(Liquid)

Stops bloody diarrhea and prevents losses from coccidiosis, worms, and other diseases. **KILLS** disease germs, red mites, bedbugs, and other pests. Qt. 50c; gal. \$1.50; 5 gal. drum \$6.50.

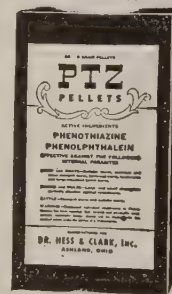
Toxite Ointment
 Jar, 50c

PTZ

The new worm treatment for sheep, goats and other farm animals. Made with Phenothiazine. Has unusual power in expelling many different kinds of worms.

PTZ Pellets
 13½ Gram..... 6¼c
 8 Gram..... 4c
 Special Forceps 50c
 Jaw Spreaders. 50c

PTZ Powder
 25 lb. Pkg.... \$25.00
 10 lb. Pkg.... 11.00
 5 lb. Pkg.... 6.00
 1 lb. Pkg.... 1.25
 4 oz. Pkg.... .50

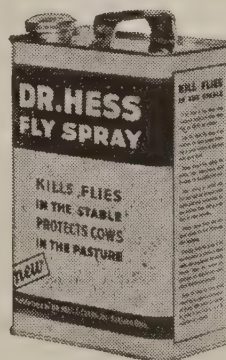


PTZ Pasture Mix for Sheep
 50 lb. bag \$6.50

SOFENATE ALL-ROUND FARM DISINFECTANT

It's a powder, just mix with water. Ideal for dairy and all milk-handling equipment. Can be used for days because it's stable, odorless, tasteless, will not taint milk. A wonderful deodorant and germicide.

5 lb. Package..... \$4.25
 1 lb. Package..... 1.10



DR. HESS LIVESTOCK FLY SPRAY

Long lasting repellent. Protects cows from fly torture while they graze. Equally effective on horses. Has pleasant pine odor. Will not gum or discolor hair. Will not taint milk.

1-gal. jug..... \$1.50

Special price in 30 and 50 Gallon Drums.

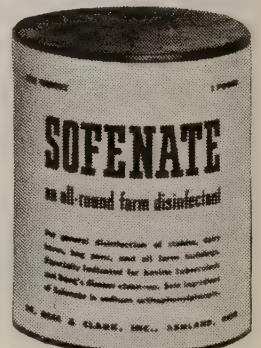


WALKO TABLETS



FOR BABY CHICKS

Pkg. of 100... \$0.50
 Pkg. of 235... 1.00



THE DR. HESS PRODUCTS

Richardson's
Griffith & Turner's
Wiseman-Downs'

DR. HESS STOCK TONIC

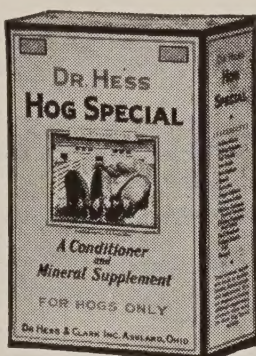


For cattle, horses, sheep and hogs. Improves appetite. Stock Tonic supplies needed minerals, tonics and vitamin 'D'. In tests conducted under average farm conditions, cows fed Dr. Hess Stock Tonic gave 1/4 lb. more milk per lb. of grain consumed and feeder cattle averaged 1/3 lb. more gain daily.

100 lb. Pkg. \$10.50
30 lb. Pail. 3.75
10 lb. Pkg. \$1.50
5 lb. Pkg. .85
1 1/2 lb. Pkg. .30

DR. HESS HOG SPECIAL

Hog Special supplies Tonics, minerals and vitamin 'D' and keeps hogs' internal organs in full function. Tests show that hogs fed Dr. Hess Hog Special reached market weight 6 to 16 days earlier and consumed 20% less feed.



100 lb. Pkg. \$10.50
30 lb. Pail. 3.75
10 lb. Pkg. \$1.50
5 lb. Pkg. .85
1 1/2 lb. Pkg. .30

DR. HESS POULTRY PAN-A-MIN



A tonic-conditioner for both young and mature fowls. Whets appetite. Increases food consumption. Supplies necessary materials apt to be lacking in feeds.

Hens fed Pan-a-min regularly laid 19 more eggs per year. Baby chicks grow faster and mature earlier when Pan-a-min is their

ration. Helps shorten the moulting period. Cost only 10c per hen per year.

100 lb. Pkg. \$10.50
30 lb. Pail. 3.75
10 lb. Pkg. \$1.50
5 lb. Pkg. .85
1 1/2 lb. Pkg. .30

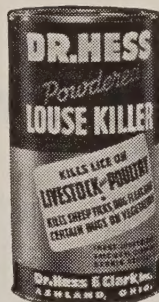
DR. HESS CHICK TABLETS



A bowel astringent for drinking water. Used in the treatment of diarrhea in baby chicks or adult birds. As soon as tablets dissolve they stay in solution indefinitely. All the water is thoroughly medicated and remains effective until used.

Pkg. (225 Tablets) \$1.00
Pkg. (100 Tablets) .50
Pkg. (45 Tablets) .25

Dr. Hess Powdered Louse Killer



Kills ticks and lice on cucumber, squash and melon vines; slugs on rose bushes. Kills winter tick on sheep. Keeps fleas off dogs. Used in the dust bath, poultry will delouse themselves. In a handy sifter top can.

6 lb. Package... \$1.25
2 1/2 lb. Package... .65
1 lb. Package... .30

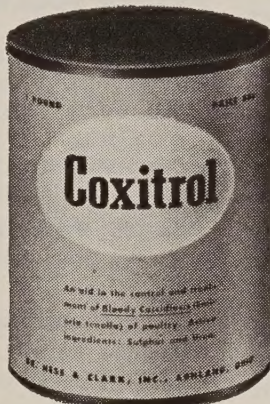
Dr. Hess Poultry Tablets

A disinfectant for drinking water and local antiseptic. Valuable in treating roup. Once dissolved, solution needs no further stirring.

Pkg. (225 Tablets) \$1.00
Pkg. (100 Tablets) .50
Pkg. (45 Tablets) .25



DR. HESS COXITROL FOR BLOODY COCCIDIOSIS



We firmly believe Coxitrol is a better product for both the treatment and control of Coccidiosis than any material previously used. We believe that no one can afford to risk the ravages of coccidiosis when he can use Coxitrol to aid in the control of the disease for only 1/2 to 1 cent per chick.

10 lb. Package..... \$6.50
5 lb. Package..... 3.50
1 lb. Package..... .80

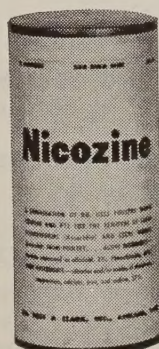
NICOZINE TABS

Same material as powder, but compressed into tablets. Made for those who prefer individual treatment.

1000 Tablet Package..... \$6.50
250 Tablet Package..... 2.00
100 Tablet Package..... 1.00
40 Tablet Package..... .50

NICOZINE

A single dose flock treatment for large round worms in poultry and cecal worms in poultry and turkeys. It contains the recognized specifics for both these worms. Odorless, tasteless and non-toxic. Will not knock egg production.



1000 Bird Size (2 1/2 lb. Pkg.)... \$5.40
500 Bird Size (1 1/4 lb. Pkg.)... 3.00
250 Bird Size (10 oz. Pkg.)... 1.90
100 Bird Size (4 oz. Pkg.)... .90
50 Bird Size (2 oz. Pkg.)... .50

DR. HESS UDDER OINTMENT

A soothing, penetrating emollient for injured, caked or swollen udders, chapped teats and superficial injuries.

8 oz. jar..... \$0.55



DR. HESS POULTRY INHALANT

An aid in expelling mucous from the upper respiratory tract and treating minor bronchial irritations in both poultry and swine. 4 ozs. makes 1/2 gallon spray, enough to treat 100 birds 32 times.

Pint Bottle..... \$1.85
8 oz. Bottle..... 1.10
4 oz. Bottle..... .65



DR. HESS LIQUID LOUSE KILLER

Contains 40% Nicotine. Put on roosts to delouse birds and keep them lice free. One application effective for months. In bottles with special handy spreader. 1 oz. treats 60 lineal ft. of roosts at 1/3 to 1/6 per cent per bird. Kills plant lice.

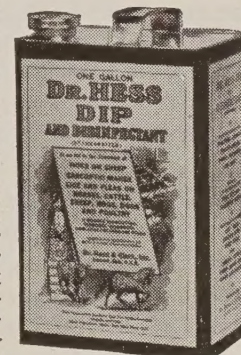
1440 Bird Size (16 oz.) \$2.60
810 Bird Size (9 oz.) \$1.90
360 Bird Size (5 oz.) 1.10



DR. HESS DIP AND DISINFECTANT

For killing sheep ticks, hog lice, poultry mites and other skin parasites of livestock. Has carbolic acid coefficient of 5. Makes milky white emulsion. Goes further and costs less than cheap inferior products. For stables, stock pens, barns, poultry houses, garbage cans — wherever there is filth, or foul odors arise.

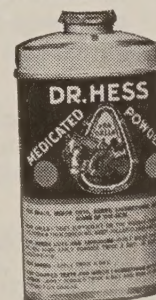
1-gal. jug..... \$1.75
1/4-gal. bottle..... .65
Special price in 30 and 50 Gal. Drums.



DR. HESS MEDICATED POWDER

A soothing white powder for cuts, scratches, galls, skin abrasions and all surface wounds. Forms a thin protective coating and wound can start healing. Use in the home after shaving, for scalds, burns, galls and chafed skin. Dust in the shoes.

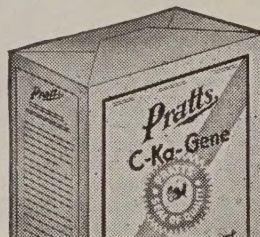
4-oz. can..... \$0.25



Pratts, REMEDIES

for

Poultry and All Livestock



MORE EGGS IN 15 DAYS OR MONEY BACK! Pratt's Poultry Regulator is guaranteed to produce more eggs in 15 days or money back. Just add it to your mash. Makes feed more complete. Tones up run-down birds. Prices:

2¾ lb. Package.....\$0.50	12½ lb. Package.....\$1.75
6 lb. Package..... 1.00	25 lb. Package..... 3.15
100 lb. bag.....\$10.65	

PENNIES FOR WORMING BRING BACK DOLLARS. Wormy birds seldom lay well. Get rid of worms with Pratt's "Split-Action" Worm Capsules that do the work of two ordinary worm treatments at one low cost. They contain Phenothiazine and get cecum worms, too. Prices:

For Chicks and Pullets Up to 3 lbs.	For Adult Fowls
Pkg. 50 Capsules...\$0.55	Pkg. 50 Capsules...\$0.85
Pkg. 100 Capsules... 1.00	Pkg. 100 Capsules... 1.50
Pkg. 500 Capsules... 3.75	Pkg. 500 Capsules... 5.50
Pkg. 1000 Capsules... 6.50	Pkg. 1000 Capsules...10.00

STOP HEAVY LOSSES FROM BLOODY COCCIDIOSIS with Pratt's C-Ka-Gene, a highly effective flock treatment that works by the new immunity (permanent protection) method. Prices:

1¾ lb. Pkg. 50 Chick Size.....\$0.75	
3½ lb. Pkg. 100 Chick Size..... 1.25	
8¾ lb. Pkg. 250 Chick Size..... 2.75	
17½ lb. Pkg. 500 Chick Size..... 5.00	
35 lb. Pkg. 1000 Chick Size..... 9.50	
100 lb. Pkg. 3000 Chick Size.....25.00	

KILL POULTRY LICE THIS EASY WAY. Just apply Pratt's Roost Paint to the tops of the roosts and the cross arms. Kills lice both by fumes and contact. Effective under all hen house conditions. Prices:

½ pt. treats 240 ft. of Roosts.....\$1.00	
1 pt. treats 480 ft. of Roosts..... 1.75	
1 qt. treats 960 ft. of Roosts..... 2.50	
1 gal. treats 3840 ft. of Roosts..... 7.50	

SAVE CHICKS with Pratt's Chick Tablets. They protect the drinking water all day . . . not for just a few hours. Prices: 30c; 60c.

CONTROL CANNIBALISM with Pratt's Pik-No-Mor. This distasteful salve is usually very helpful in controlling outbreaks of cannibalism toe, feather and vent picking in chicks and adult fowls. Prices: 60c; \$1.35.

PRATTS INHALANT for quick relief from the symptoms of simple colds and catarrh in poultry. Its "water soluble" medication mixes with the watery secretions of the nasal tract whereas "oil base" inhalants would leak right out. Prices:

1 pt. bottle.....\$0.70	
1 qt. bottle..... 1.25	
1 gal. bottle..... 3.25	
5 gal. carboys .....15.00	

PRATTS R-P TABLETS for use in the drinking water of adult birds. Prices: 30c; 60c.

PRATTS POULTRY WORM POWDER. A new kind of worm powder. Controls both large round and cecum worms. Contains Phenothiazine . . . an intestinal astringent . . . and a tonic to aid the recovery of run-down wormy birds. Prices:

4 oz. Pkg. 50 Hen Size.....\$0.60	
8 oz. Pkg. 100 Hen Size..... 1.00	
2½ lb. Pkg. 500 Hen Size..... 4.25	

PRATTS POWDERED LICE KILLER for use in poultry nest or dust boxes. Also for delousing horses, cows, dogs, and cats. Prices: 30c; 60c.

PRATTS DISINFECTANT—a standard coal tar disinfectant such as all authorities recommend. For use on all poultry and livestock farms. Prices:

1 quart.....\$0.60	50 lb. Drum.....\$50.00
1 gallon..... 1.60	

PRATTS ZENE-A-TROL is the kind of Phenothiazine powder discovered miraculously effective for worming hogs, sheep, cows, turkeys and chickens by the U. S. Department of Agriculture. Prices:

½ lb. Carton.....\$1.00	25 lb. Drum.....\$32.50
1 lb. Carton..... 1.50	100 lb. Drum.....120.00
5 lb. Carton..... 7.00	

PRATTS ANIMAL REGULATOR. A new kind of stock tonic that supplies the important "Trace Elements" indispensable to proper animal nutrition. Also supplies Vitamin D and common minerals. Sharpens appetite and aids digestion. Prices:

2½ lb. Package.....\$0.50	25 lb. Package.....\$3.40
6 lb. Package..... 1.00	100 lb. Bag.....11.65

PRATTS COW TONIC. Give your milk check a tonic by adding this appetizer, tonic and mineral supplement to the feed of your dairy cows. Prices: Pkgs. 60c and \$1.20; 25 lbs. \$5.00; 100 lb. Drum \$18.00.

PRATTS BAG OINTMENT—the soothing benzoinated ointment for external use on caked, swollen or congested udders. Price: Pkg. 60c.

PRATTS DRY INSECTICIDE for killing lice on hogs. Just sprinkle it in the house and on the hogs themselves. Prices: 10 lb. Carton \$1.25; 25 lb. Drum \$2.25; 100 lb. Drum \$7.50.

FERTILIZERS AND PLANT FOODS

Richardson's
Griffith & Turner's
Wiseman-Downs'

Adco. A bacterial food for making artificial manure with leaves, grass cuttings, etc. 25-lb. bag sufficient to make one-half ton of manure, **\$2.00; \$10.50 per 150-lb. bag**, sufficient to make 3 tons of manure. 7½-lb. pkg. **\$1.00.**

Agrico. Victory Garden Fertilizer. 5 lb. 45c; 10 lbs. 80c; 25 lbs. \$1.40; 50 lbs. \$2.20; 100 lbs. \$3.50.

Agrico. For Lawns, Trees and Shrubs. (Also for Flowers.) 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

Aluminum Sulphate. For rhododendrons and azaleas. Lb. 10c; 5 lbs. 30c; 10 lbs. 50c; 100 lbs. \$3.75.

Asparagus Salt. 10 lbs. 25c; 50 lbs. \$1.00; 100 lbs. \$1.50.

Blood Meal. A quickly available, yet long lasting organic fertilizer, containing 12% Nitrogen. 5 lbs. 60c; 10 lbs. \$1.00.

Pure Bonemeal, Steamed. 5 lbs. 35c; 10 lbs. 65c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

Raw Bonemeal. 5 lbs. 35c; 10 lbs. 65c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

WIZARD BRAND COW MANURE (Pulverized or Shredded). Prices: 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

Hyper-Humus. Fine for use on lawns, under shrubbery, and on flower-beds. It conserves moisture, puts organic matter in the soil, and cultivates bacteria. 100 lbs. \$1.75.

Lawn Lime. 50 lbs. 60c; 100 lbs. \$1.00.

"Camelime" "Pulverized Limestone." Packed in 80-lb. paper bags. Use 1 bag to 1,600 sq. ft.; 2,000 lbs. to one acre. Per bag 75c; 5 bags, 400 lbs. \$3.50.

Leaf-Mold. Fine for mulching rhododendrons and azaleas. Pk. 50c; ½ bu. 90c; bu. \$1.50; in 5-bu. lots, \$1.25 per bu.

Nu Vim—Vitamin B₁ Tablets—Liquid For real success in gardening, indoors and outdoors, be sure your soil is well supplied with Vitamin B₁. Most plants need this essential growth factor, so important to the health and vigor of garden and house plants, roses, shrubs, trees and lawns.

100 Tablets (makes 100 gals.)..25c
250 Tablets (makes 250 gals.)..50c
1-oz. Liquid (makes 140 gals.)..25c
2-oz. Liquid (makes 320 gals.)..50c

Improved Dropper-Top bottle included.

Potting Soil. A rich screened soil mixed with humus for window-boxes and flower-pots. Pkt. 30c; ½ bu. 60c; bu. \$1.00.



Original Pre-War Formula

Pkg. 30 Tablets..\$25
Pkg. 75 Tablets..50
Pkg. 200 Tablets..1.00
Pkg. 1000 Tablets..3.50

VIGORO

For Vegetable Gardens

100-lb. Bag.....\$3.70
50-lb. Bag.....2.35
25-lb. Bag.....1.45
10-lb. Carton......80
5-lb. Carton......50

VIGORO

For Lawns, Flowers, Shrubs and Trees

100-lb. Bag.....\$4.00
50-lb. Bag.....2.50
25-lb. Bag.....1.50
10-lb. Carton......85
5-lb. Carton......45
1-lb. Carton......10

Peat Moss. It corrects sandy or loamy or clayey soils so that they will hold just the right quantity of moisture and produce better plants. Bale \$4.00.

Special Rose Food. An Organic No-Filler. 100% Plant Food of Dried Blood, Fish Scrap, Bone Meal, Guano, Potash, Cotton Seed Meal, Super-phosphate and Powdered Poultry Manure. 5 lbs. 65c; 10 lbs. \$1.25; 25 lbs. \$2.65.

SHEEP MANURE, WIZARD BRAND

Prices: 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.75.

Tobacco Dust. Lb. 10c; 5 lbs. 35c; 10 lbs. 60c; 25 lbs. \$1.25; 100 lbs. \$4.00.

Tobacco Stems (Cut). 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.



**VHPF
SOLUBLE
FERTILIZER**
with
Soluble Hormones

"A Little Does So Much"

Use 1 lb. to 30 gallons water

Apply as a Liquid

To start Plants and Seeds

To grow Vegetables, Flowers,
Lawns, Shrubs, Trees

More efficient - More economical
than old style fertilizer

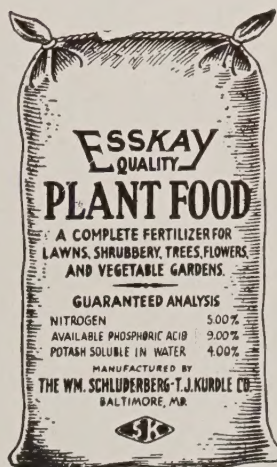
Prevents wilting, makes bigger roots

Gives plants a quick start

Increases yields

1 pound package.....\$0.65
5 pound package.....2.50
30 pound package.....9.00

The Complete PLANT FOOD



Esskay Plant Food is a complete fertilizer, containing all of the required elements assembled in balanced proportions, and will prove a wonderful tonic for your lawns, gardens, trees, or shrubs.

Esskay Plant Food is not a temporary stimulating food. It has all the elements necessary to accelerate and complete growth.

100-lb. bag.....\$3.70

"BUILDS UP THE SOIL"

All Fertilizers and Plant Foods F.O.B. BALTIMORE.
Prices Subject to Change Without Notice



LAWN SEED

RICHGREEN LAWN GRASS SEED

Yearly comparative trials have proved this strain to be unsurpassed for first-class, permanent lawns. Only the finest varieties of suitable grasses are used and the seed is re-cleaned until it is free from chaff and weed seeds.

This seed will produce a green, smooth, deep-rooted, velvety sod with a thick bottom, free from the common grasses which produce clumps and knots on the lawn. It is used extensively on the finest estates to produce those exquisitely smooth, rich green sweeps of lawn which are so much admired. **Lb. 45c; 3 lbs. \$1.25; 5 lbs. \$2.00; 10 lbs. \$3.90; 20 lbs. \$7.50; 100 lbs. \$35.00.** Delivered free in United States by parcel post, freight, or express, our option.

SUPERFINE LAWN SEED

This is a correct combination of triple refined imported and domestic grasses, including a liberal proportion of Bent Grass, producing a rich green turf. **Superfine** is undoubtedly the finest Lawn Seed available in this country or abroad. One pound will sow an area of 200 square feet. **Lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.25; 20 lbs. \$10.00; 100 lbs. \$45.00.**

SHADY PLACE LAWN GRASS MIXTURE

Will quickly produce an abundant and even growth of beautiful green grass in shade, and as it blends well with our Richgreen Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. **Lb. 60c; 3 lbs. \$1.75; 5 lbs. \$2.75; 10 lbs. \$5.25; 20 lbs. \$10.00; 100 lbs. \$45.00.** Delivered free in United States.

LAWN GRASSES should be used at the rate of one pound to 200 square feet, 100 lbs. per acre. Very much better results can be had from lawn seeding if it is done early in the spring just as soon as the soil can be conditioned, so as to allow ample time for development of a healthy root growth that will survive summer heat. **DO NOT** expect to have a good lawn on poor worn out soil. You must use lawn food.

SANDY SOIL LAWN GRASS

A carefully blended mixture of fine-bladed grasses that will produce a permanent and beautiful lawn on the lightest and most sandy soils. Seed one pound to 200 sq. ft. **Lb. 60c; 3 lbs. \$1.75; 5 lbs. \$2.75; 10 lbs. \$5.25; 100 lbs. \$45.00.** Delivered free in United States.

PERMANENT TERRACE AND SLOPE MIXTURE

This mixture has been carefully blended so as to contain various grasses of rapid, dense, even growth and strong root systems, which will insure a permanent, beautiful slope. **Lb. 65c; 3 lbs. \$1.80; 5 lbs. \$2.75; 10 lbs. \$5.25; 100 lbs. \$45.00.** Delivered free in United States.

VELVET GREEN LAWN GRASS

This is a high quality Grass Seed that will produce a beautiful lawn. **Lb. 35c; 5 lbs. \$1.65; 10 lbs. \$3.15; 20 lbs. \$6.00; 100 lbs. \$27.00.**

WHITE DUTCH CLOVER

The best Clover for lawns. $\frac{1}{2}$ lb. 60c; 1b. \$1.10; 5 lb. \$5.25, f. o. b. Baltimore.

*E. Miller Richardson & Co.
Griffith & Turner
Wiseman-Downs Co.*

- | | | |
|----------------------|--------------------|--------------------|
| • 108-12 Light St. | • Plaza 8684-85 | • Baltimore-2, Md. |
| • 124 North Paca St. | • Saratoga 2300-01 | • Baltimore-2, Md. |
| • 34 East Pratt St. | • Plaza 3985-96 | • Baltimore-1, Md. |